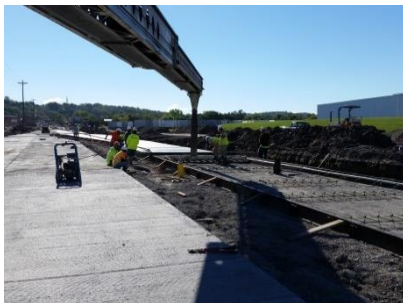


# 2022–2025 Transportation Improvement Program (TIP)

July 1<sup>st</sup>, 2021 – June 30<sup>th</sup>, 2022



Adopted \_\_\_\_\_, 2021

---



# CONTACT SJATSO

For questions regarding SJATSO's TIP, programs, or publications please contact SJATSO Staff. To request additional copies of this document or to request it in an accessible format, please contact SJATSO staff using the methods described below. An electronic copy of this document can also be downloaded online from the website.

1100 Frederick Ave., Room 202  
St. Joseph, Missouri 64501

Phone: (816) 236-1489

Email: [cgallagher@stjoemo.org](mailto:cgallagher@stjoemo.org)

Website: [www.StJoeMPO.org](http://www.StJoeMPO.org)

## Funding Notes:

This report was funded in part through grant[s] from the Federal Highway Administration [and Federal Transit Administration], U.S. Department of Transportation. The views and opinions of the authors [or agency] expressed herein do not necessarily state or reflect those of the U. S. Department of Transportation.

## Title VI Note:

SJATSO hereby gives public notice that it is the policy of the agency to assure full compliance with Title VI of the Civil Rights Act of 1964, the Civil Rights Restoration Act of 1987, Executive Order 12898 on Environmental Justice, and related statutes and regulations in all programs and activities. Title VI requires that no person in the United States of America shall, on the grounds of race, color, sex, or national origin, be excluded from the participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity for which SJATSO receives federal financial assistance. Any person who believes they have been aggrieved by an unlawful discriminatory practice under Title VI has a right to file a formal complaint with SJATSO. Any such complaint must be in writing and filed with SJATSO's Title VI Coordinator within one hundred and eighty (180) days following the date of the alleged discriminatory occurrence. For more information, or to obtain a Title VI Discriminatory Complaint Form, please see our full Title VI program located on our website at <https://www.stjoemo.info/DocumentCenter/View/10480/SJATSO-Title-VI-Final>.

---



## Contents

INTRODUCTION .....	1
What is SJATSO? .....	1
Transportation Improvement Program (TIP) .....	3
The TIP and Federal Performance Measures .....	4
Safety Targets .....	5
Pavement/Bridge/System Reliability .....	5
Transit Asset Management .....	5
Public Transportation Agency Safety Plan .....	5
Legislative Requirements .....	6
Legislative Requirements .....	Error! Bookmark not defined.
Previous Projects and Progress .....	6
Format .....	7
TIP DEVELOPMENT PROCESS .....	8
Call for Projects .....	9
Project Review and Scoring .....	9
Financial Plan .....	10
Review and Public Participation .....	10
Adoption .....	11
Amendments and Administrative Adjustments .....	11
FINANCIAL PLAN .....	14
Project Funding .....	14
Demonstration of Fiscal Constraint .....	15
Forecast Revenue Available for Transportation Funding .....	16
FTA Section 5310 Awards .....	16
Operation and Maintenance (O&M) Funding .....	19
Kansas Department of Transportation KDOT .....	20
Local Governments .....	21
St. Joseph Transit .....	21
FISCALLY CONSTRAINED PROJECTS .....	23
Aviation .....	23
Bicycle and Pedestrian .....	24

---



Bridge .....	25
Highways and Streets – Rehab and Reconstruction .....	27
..... Error! Bookmark not defined.	
Highways and Streets – Capacity and Connectivity .....	29
Public Transportation .....	30
Safety and Hazard Elimination .....	33
Freight.....	34
Scoping .....	35
Category Summary.....	37
ENVIRONMENTAL JUSTICE REVIEW .....	39
APPENDIX A: SELF CERTIFICATION .....	42
Error! Bookmark not defined.	
.....	44
APPENDIX B: RESOLUTION OF ADOPTION.....	46
APPENDIX C: SJATSO PROJECT DELAY POLICY.....	47
APPENDIX D: ST. JOSEPH TRANSIT ILLUSTRATIVE PROJECTS .....	48
APPENDIX E: TIP EVALUATION SHEET .....	49
APPENDIX F: SPONSOR SUBMITTAL MATERIAL .....	50
APPENDIX G: SJATSO VOTING MEMBERS.....	53
APPENDIX H: TIP AMENDMENTS AND MODIFICATIONS .....	54
Table 2: Available Local Revenue Sources.....	24
Table 3: Programmed Funds Compared to Available Funds .....	24
Table 4: KDOT O&M Estimates for FY 2022–2025 .....	24
Table 5: KDOT O&M Costs and Lane Miles .....	25
Table 6: Local Government Operating and Maintenance .....	25
Table 7: St Joseph Transit Operating and Maintenance .....	25
Table 8:St. Joseph Revenues.....	26
Table 9:City of St. Joseph O&M Expenses 2021 through 2024.....	26
Table 10:St. Joseph Financial Summary.....	27
Table 11:St. Joseph Transit Financial Summary.....	27
Figure 1: SJATSO Boundary .....	4
Figure 2: EJ Populations in SJATSO MPA .....	41

---



# INTRODUCTION

## What is SJATSO?

The St. Joseph Area Transportation Study Organization (SJATSO) is the federally designated Metropolitan Planning Organization for the region. A Metropolitan Planning Organization (**MPO**) is a regional decision-making body composed of elected officials, state and federal partners, and city staff from the metropolitan area. The MPO is charged with producing federally required transportation policy and planning documents as well as ensuring an inclusive public participatory process is followed.

The transportation planning process at SJATSO is overseen by the Technical Committee, which provides technical support and recommendations to the Coordinating Committee, the ultimate decision-making body. Committees host both local transportation professionals such as engineers, as well as elected officials such as city council members. SJATSO's bylaws determine the positions that should be represented on each committee and additional advisory committees are appointed by the individual boards based upon need.

A **MPO** is an organization of representatives from the surrounding local governments and agencies that collectively discuss transportation issues and opportunities for the entire metro area. MPOs were first required by the Federal-Aid Highway Act of 1962 in all urbanized areas with a population greater than 50,000. SJATSO acts as a steward of federal transportation funds while ensuring regional transportation planning is **continuing, cooperative and comprehensive**.

SJATSO seeks to plan for a strong multimodal transportation system within this region through its leadership, cooperation with planning partners, and community relationships. Through SJATSO's leadership, area jurisdictions and diverse community interests collaborate to address the regions challenges and identify the opportunities for cooperative solutions. These efforts, in turn, enhance the effectiveness of local government. SJATSO plays an active leadership role in strengthening the metropolitan community by providing:

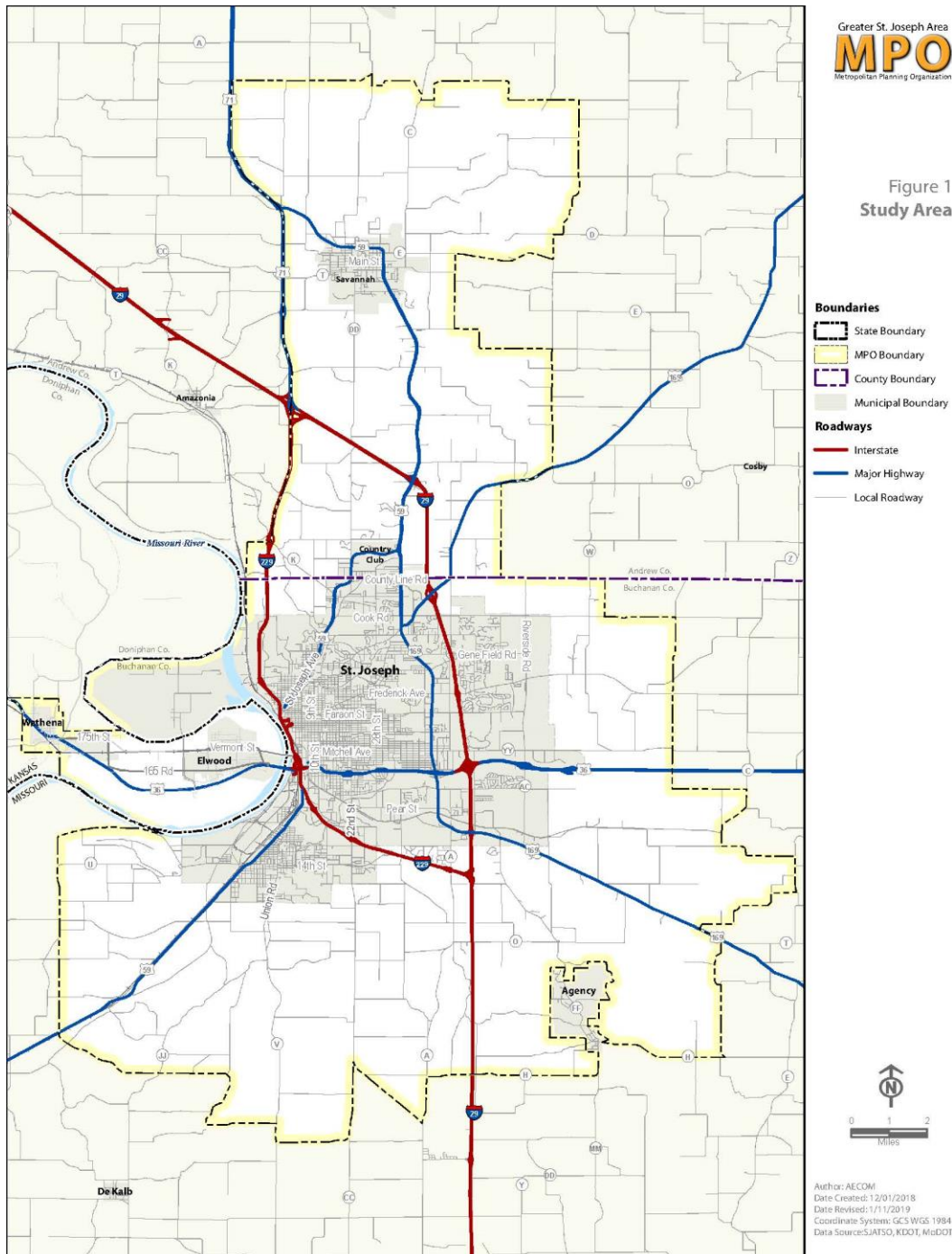
- A forum for addressing regional objectives and diverse community issues related to transportation
- Long-range transportation planning and public policy coordination
- Technical assistance and services to enhance the effectiveness of local government in relation to transportation issues



- Short range planning or the Transportation Improvement Plan

SJATSO serves the tri-county St. Joseph metropolitan region, which includes five separate city governments. As a bi-state MPO, SJATSO's boundaries include portions of Buchanan County and Andrew County in Missouri and Doniphan County in Kansas (see Figure 1).

Figure 1: SJATSO Metropolitan Planning Area (MPA) Boundary





## Transportation Improvement Program (TIP)

The [Transportation Improvement Program \(TIP\)](#) documents the metropolitan region prioritization of limited transportation resources available among the various needs of the region. It is a program and schedule of intended transportation

**Regionally significant**  
transportation projects are  
also included in the  
document, even though  
federal funding may not be  
involved

improvements (or continuation of current activities) for the next four (4) years, developed as part the regional planning process for federal funds received from the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA), as well as regionally significant projects affecting the system regardless of funding source.

SJATSO, in cooperation with the State(s) and designated transit operators and local partners, is responsible for developing the TIP. As a bi-state MPO, SJATSO includes both the Missouri Department of Transportation (MoDOT) and the Kansas Department of Transportation (KDOT). SJATSO is also responsible for providing citizens, private providers of transportation, and other interested parties with a reasonable opportunity to comment on the proposed program. The TIP must be updated at least once every four (4) years; however, SJATSO conducts full updates annually and allows for amendments throughout the program year. Once approved by the Coordinating Committee, the Missouri and Kansas Governor, and FHWA/FTA (ONE DOT), the TIP is added to Missouri and Kansas respective Statewide Transportation Improvement Program (STIP) by reference.

The **STIP** is the State's equivalent of a MPO's TIP. It includes all federally funded transportation projects in the state. Projects in the metropolitan areas are included by reference to the relevant STIP.

The TIP contains a priority list of projects to be carried out within each year of the four-year program and provides a constrained financial plan that documents the demonstration of each project sponsor's financial capacity to deliver all programmed projects.

### The TIP and MTP

The [Metropolitan Transportation Plan \(MTP\)](#) is the MPO's 20-year plan that challenges the entire metropolitan to think big and long-term about its shared transportation future. The MTP outlines a screening process based on whether a project achieves the stated goals and objectives of the MTP and addresses existing and future year needs, deficiencies, and opportunities. By establishing goals, it frames the on-going discussion surrounding project implementation within the



regional vision. The MTP is updated every 5 years, and the 2045 MTP was adopted in 2019. As funding becomes available, projects identified in the MTP are included in the TIP for construction. The TIP should be considered the implementing tool of the MTP. As such, project sponsors are required to identify which goals and objectives their projects are supporting. The MTP goals and objectives include:

- Safety
- Economic Vitality
- Regionalism
- Accessibility
- Funding
- Natural Environment
- Transportation/Land Use
- Environmental Protection
- Public Involvement
- System Management

Additional source documents for items within the TIP include, but are not limited to, the Active Transportation Plan, Airport Master Plan, Transit Development Plan, local government Capital Improvement Programs (CIP), the short-range element of the Metropolitan Transportation Plan (MTP 2045), MoDOT and KDOT STIPs.

## **The TIP and Federal Performance Measures**

In the passage of the Moving Ahead for Progress in the 21st Century Act (MAP-21), and continuing into the FAST Act, Congress established Transportation Performance Management (TPM). FHWA defines TPM as a strategic approach that uses system information to make investment and policy decisions to achieve national performance goals.

Another requirement is Performance Based Planning and Programming (PBPP) which impacts the TIP and the MTP. PBPP refers to the application of performance management principles within the planning and programming processes of transportation agencies to achieve desired performance outcomes for the multimodal transportation system.

SJATSO has adopted performance MoDOT and KDOT measures in many areas.



### **Safety Performance Measures**

There are a couple of projects programmed for safety in the TIP, with safety projects totaling \$2,206,000 for Program Years 2022–2025, all sponsored by the Northwest District of MoDOT, to help the State move towards these targets. Staff also actively participates in the Northwest District Coalition of Roadway Safety, which works to implement Missouri’s Blueprint ultimate goal of zero fatalities on Missouri roadways, and participates in the annual Highway Safety and Traffic Blueprint Conference.

### **Pavement/Bridge/System Reliability**

SJATSO voted to follow the state set targets for Bridge, Pavement and System Reliability, for both KDOT and MoDOT. The 2022–2025 TIP includes a variety of projects that maintain pavement performance. A total of seven MoDOT projects are outlined in the rehab and reconstruction section of the TIP mainly addressing pavement concerns to help the State move towards these targets.

### **Transit Asset Management**

Transit asset management is a method to quantify these improvements, helping staff as well as the community better gauge the larger impacts that programmed projects will have towards achieving these goals to help the State move towards these targets. For example, as the busses exceed their useful life there is an increased need for repairs ultimately impacting the delivery of service, and if left unaddressed could affect safety. Some of the projects falling under this section are replacement of outdated equipment and general maintenance and repairs to the Transit building and materials. SJATSO worked with the local transit agency, St. Joseph Transit, to establish realistic and measurable performance measures which were adopted by the Coordinating Committee on March 11, 2021.

### **Public Transportation Agency Safety Plan**

The Federal Transit Administration requires the Public Transportation Agency Safety Plan for Bus Transit (PTASP) to be completed and adopted by the transit agency and the MPO. This is the next in a line Targets required to be adopted and implemented to help the State move towards these targets. The City of St. Joseph and St. Joseph Transit completed their own PTASP and adopted and submitted the plan in December of 2020. Projects help with safety include updates to bus stops and shelters including ADA ramps and solar lighting.



## Legislative Requirements

The current federal surface transportation legislation is called the Fixing America's Surface Transportation (FAST) Act. It is a five-year (FFY 2016–2020) transportation program signed into law by President Obama on December 4, 2015. MPOs are required to develop a TIP that is fiscally constrained and contain all capital and non-capital surface transportation projects within the MPO area that will receive federal funding, as well as other regionally significant transportation projects.<sup>1</sup>

Additionally, the FAST Act requires that SJATSO provide an Annual Listing of Obligated Projects<sup>2</sup> that lists all transportation projects that used federal funds in the preceding TIP program year. The federal government obligates funds, which acts as the government's legal commitment to pay the federal share of a project's cost, to a project only after completion of the required project development process and all local, state, and federal approvals have been obtained. The obligated amounts reflected in this report may not be equal to the final project cost and may not be initiated or completed in the program year. For Federal Transit Administration projects, obligation occurs when the FTA grant is awarded. For FHWA funded local public agency sponsored projects, obligation occurs when a SDOT/LPA project agreement is executed and the SDOT has received FHWA approval of the SDOT request for authorization of work and obligation of federal funds, in the Financial Information Management System (FMIS). \*Federal Government is operating off of a continuing resolution.

This Annual Listing of Obligated Projects will be presented for review by the SJATSO Coordinating Committee within 90 days of the previous TIP's program year. Upon acceptance by the Coordinating Committee, the Annual Listing of Obligated Projects will be available on the MPO website.

## Previous Projects and Progress

The TIP will include a listing of major projects from the previous TIP that experienced any significant delays in the planned implementation. Major projects are defined as transportation improvement projects receiving federal financial assistance with an estimated total cost of \$500 million or more or that have been identified by the FHWA as being a major project. Significant delay will be defined

---

<sup>1</sup> In accordance with United States Code Titles 23 and 49, the TIP document must outline at least a four-year program of: 1) All federally funded priority transportation projects, and 2) All regionally significant priority projects, regardless of funding source.

<sup>2</sup> 23 CFR 450.332



as two years or more from the year first listed for the project in the previous TIP. No significant delays on major projects from the previous TIP have been identified.

SJATSO's Project Delay Policy (See Appendix C) for the TIP is to maximize the federal funding obligated each fiscal year and to enable SJATSO to redirect funds to different projects if any are inactive or otherwise not making progress. The Delay Policy applies to projects funded through the programs for which SJATSO has oversight of project selection, which at this time includes only the Surface Transportation Program Small Urban (STP–Small Urban) funds. The intent of the policy is to provide an incentive for local agency sponsors to develop their projects according to a detailed schedule and, thereby, to obligate the federal funds assigned to each project within the timeframes initially shown in the TIP.

In the context of this delay policy, a “delay” occurs when a construction–related project phase does not get advertised within twelve months of the of the TIP program year in which its construction phase funding was originally programmed, or changed with an amendment, in the TIP. For non–construction projects and programs, a “delay” occurs when the “Notice to Proceed” is not issued within twelve months of the TIP program year in which its implementation was originally funded in the TIP. The consequence of a delay may be the withdrawal of its federal funds from the TIP or other action by the Coordinating Committee.

## Format

This TIP is broken into nine categories of project type:

1. Aviation
2. Bicycle & Pedestrian
3. Bridge.
4. Elderly & Disabled
5. Highways & Streets: Rehabilitation/Reconstruction
6. Highways & Streets: Capacity and Connectivity
7. Public Transportation
8. Safety and Hazard Elimination
9. Freight
10. Scoping

The TIP consists of a series of tables and documents which include:

- General project information: name, location, sponsoring agency, and description of the project
- A schedule of expenditures by fiscal year, including the funding source
- Further detail on the monitoring project progress and delays (see Appendix C)



- The SJATSO self-certification document (see Appendix A) that states SJATSO is carrying out the process in accordance with all applicable Federal requirements

The federal regulations outlining the requirements for a MPO's development of the TIP can be found in the 23 CFR 450.326.

## TIP DEVELOPMENT PROCESS

While federal regulations require that the TIP be updated a minimum of once every four years, SJATSO conducts a full update annually beginning in January. The steps include:

1. **Call for Projects:** Staff issues a call for updates to update the status of projects in the current TIP and at the same time issues a call for projects for the update. States, Counties, Cities and Transit agencies can submit projects.
  - a. Transit Providers are requested to provide information needed to develop their **Program of Projects (POP)** for inclusion in the TIP
2. **Project Review and Scoring:** New projects are assessed using the TIP Evaluation Sheet (See Appendix E) to determine compliance with the MTP
3. **Financial Plan:** Staff compiles a draft TIP, including a financial plan for project listings, maintenance and operations and other components
4. **Review and Public Participation:** The draft is reviewed by the State DOTs and federal partners and then released for public comment for fourteen (14) days
5. **Adoption:** Staff presents the draft TIP to the Technical Committee and Coordinating Committee for approval. Currently, the staff also submits a separate action to the Coordinating Committee requesting the approval of the MPO self-certification documentation (form). Once approved, the Coordinating Committee requests approval of the TIP by the Governor and inclusion in the STIP.

### Program of Projects (POP)

A POP is a list of projects proposed by a designated transit recipient in cooperation with an MPO to be funded from the UZA's or state's Section 5339 apportionment. A POP may also be required under other FTA programs.

The POP includes a brief description of the projects, including any sub allocation among public transportation providers or other eligible sub recipients, total project costs, and federal share for each



## Call for Projects

Information was sent on January 10, 2021 to project sponsors notifying them of the 2022–2025 TIP update (see Appendix F). Sponsors were advised to apply if they had new projects for the TIP or if their current projects in the TIP needed to be extended into FY2022 and were not already programmed as such. Sponsors were made aware that projects scheduled to end in FY20 will not be extended into the 2022–2025 TIP unless staff is notified of the extension and were asked to fill out the mid-year project report. To qualify a new project or extend the fiscal year of a project for inclusion in the TIP sponsors submitted an electronic form that was signed, certifying compliance with the MPO Title VI program, as well as all MPO policies and plans. All responses were collected electronically. Public notice for the call for projects was also distributed via the MPO website, local libraries, St. Joseph Transit agency, all member city halls and local newspapers as outlined in the PPP. The deadline for submission was February 22<sup>nd</sup>, 2021.

The TIP contains projects for respective transit providers including St. Joseph Transit that constitutes the Program of Projects (POP) for St. Joseph Transit only. This list of transit items is a prioritized list of projects used by the transit staff and reviewed by FTA officials. Approval of the TIP includes the approval of the POP for St. Joseph Transit. The public involvement procedures used for TIP development and amendments are used to satisfy the POP requirements for FTA Section 5307, 5309, and 5339 funding. Additionally, appendix D includes a listing of illustrative projects for St. Joseph Transit which includes unfunded projects that are a priority soon, but for which future funding is reasonably expected.

## Project Review and Scoring

Projects to be implemented shall be selected by the State and transit operator in cooperation with the MPO. SJATSO focuses only upon ensuring that all projects conform to the MTP and applies the Project Selection Criteria to ensure compliance. SJATSO reviews all project submissions to ensure their compliance with the goals and direction of the MPO, as expressed in its adopted MTP, supporting plans, and formal policies. Project coordination, timing, scope consistency, and planning for the future are elements that fall within the general purview of the MPO.

Once all projects are received, staff will review and score projects using the TIP Evaluation Sheet (See Appendix E). This scoring sheet was developed based on the priorities and goals set forth in the Metropolitan Transportation Plan (MTP) to ensure that projects are supportive of local needs and approved by the SJATSO Committees for implementation.



If a project is found to be in compliance, has properly identified available funding and does not conflict with any other agency operations, it is then programmed in the draft TIP. SJATSO considers those projects listed in the first year of the TIP to be first priority and those in the following years to be second, third, and fourth priority, respectively. Project estimates are based upon the year of expenditure approach, as provided for in the FHWA/FTA Final Rule Statewide Transportation Planning: Metropolitan Transportation Planning.

## Financial Plan

The TIP includes a financial plan that demonstrates how the approved TIP can be implemented and identifies resources from public and private sources that are reasonably expected to be made available to carry out the TIP. In developing the TIP, SJATSO, MoDOT, KDOT, and public transportation operators cooperatively develop estimates of funds that are reasonably expected to be available to support TIP implementation. Only projects for which construction or operating funds can reasonably be expected to be available may be included. In developing the financial plan, SJATSO considers all projects and strategies funded under title 23 U.S.C., title 49 U.S.C. Chapter 53, and other federal funds; and regionally significant projects that are not federally funded. For purposes of transportation operations and maintenance, the financial plan shall contain system-level estimates of costs and revenue sources that are reasonably expected to be available to adequately operate and maintain Federal-aid highways (as defined by 23 U.S.C 101(a)(5)) and public transportation (as defined by title 49 U.S.C. Chapter 53).

## Review and Public Participation

Prior to public review, the draft TIP was submitted to state and federal partners for comments and revision. Once reviewed, staff released the draft for public review. The St. Joseph MPO has established a Public Participation Plan (PPP) that defines the public participation procedures for the MPO in general, but specifically covers the procedure for the annual TIP update and any later amendments.

The FY 2022–2025 TIP was  
available for public comment  
from  
May 27– June 10, 2021

For the FY 2022–2025 update, SJATSO solicited public comments for 14 days. The draft TIP was made available for public viewing and comment; however, no public comments were received. The final document, and amendments, are maintained and available for public access on the MPO website, as well as in SJATSO's main office located at the St. Joseph City Hall, Room



St. Joseph Transit is the designated public transit provider for the St. Joseph Urbanized Area. OATS, Inc. is a not-for-profit 501(c)3 corporation providing specialized transportation for senior citizens, people with disabilities and the rural general public providing transportation in the rural areas to the urbanized area. Federal Transit Administration (FTA) recipients of certain categories of funds, St. Joseph Transit and OATS, INC., may rely on locally adopted public participation plans for the submittal of their projects in lieu of a separate Program of Projects (POP). If the grantee has coordinated with SJATSO and ensured that the public is aware that SJATSO's plan is being used to satisfy the POP public participation requirements. St. Joseph Transit uses this coordination and public awareness criteria. Therefore, SJATSO's Public Participation Plan (PPP) satisfies the Federal Transit Administration's (FTA) requirement of public participation for their Program of Projects.

In accordance with the provisions of 23 CFR Part 450.212 (b), the Kansas Department of Transportation, Missouri Department of Transportation, and the St. Joseph Area Transportation Study Organization hereby agree that the public involvement activities carried out in response to the metropolitan planning requirements in 23 CFR 450.322 (c) or 23 CFR 450.326 (c) satisfy the public involvement requirements to add this TIP or subsequent TIP amendments into the Statewide Transportation Improvement Program (STIP).

## Adoption

Upon determining that projects qualify for inclusion in the TIP, staff presents projects in the form of a draft TIP to the Technical Committee for review and the Coordinating Committee for final approval before submission to MoDOT, KDOT and FHWA/FTA (ONEDOT). The Coordinating Committee may modify the project selection as it deems necessary. Adoption is scheduled every May, so that there is adequate time for submittal to the state for the Governor's approval and subsequently approval from ONEDOT.

## Amendments and Administrative Adjustments

Amendments are necessary when<sup>3</sup>:

- The project budget change exceeds 20% of the amount programmed.
- The project's source of federal funds changes from local or state funds; or federal funds are being added to a project.
- The project requires a change in year, in turn affecting fiscal constraint.

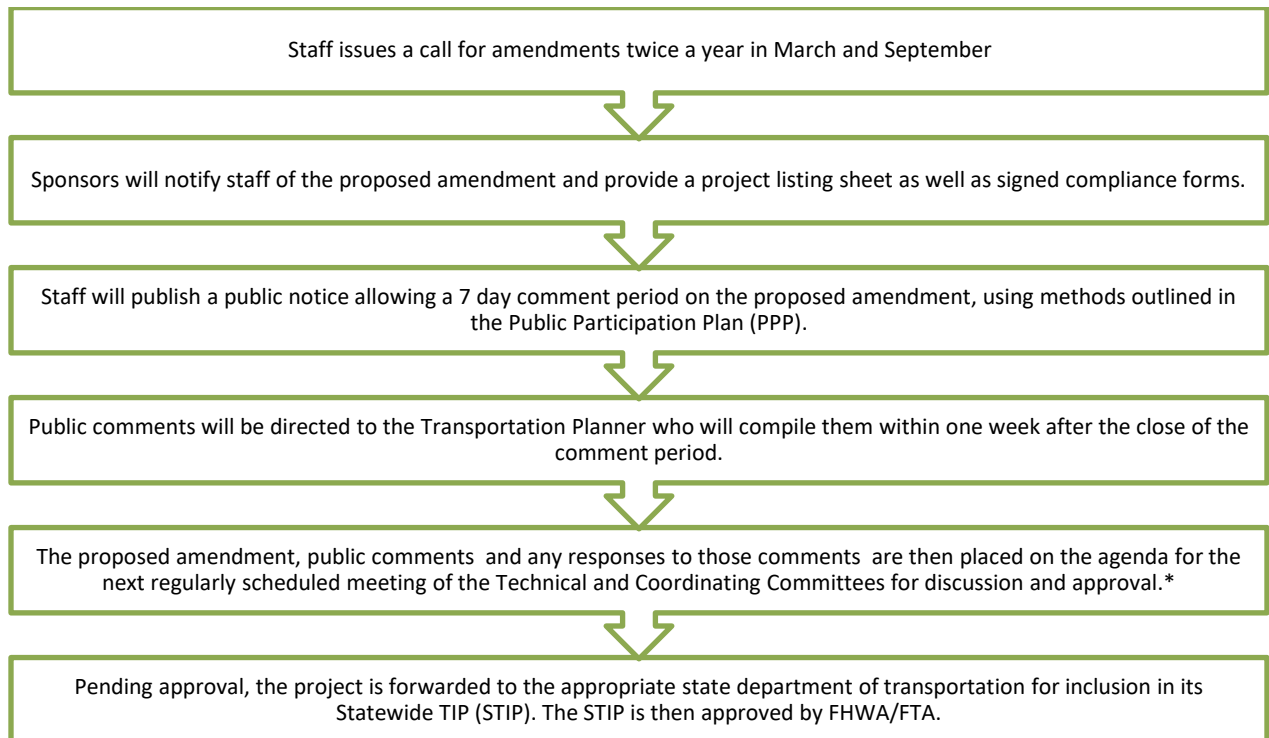
---

<sup>3</sup> 23 CFR 450.104



- A cardinal change<sup>4</sup> to the project is required, affecting overall project scope or budget.
- Or when a new project using federal funds is added.

The following procedure is used to amend the TIP:



\* An electronic voting option via telephone or email may be used for voting, if necessary. A majority vote of the Coordinating Committee shall be required (3 votes) to determine an emergency and may be accomplished by a telephone or email poll. If not, the amendment will be discussed at the next regularly scheduled meeting of each Committee.

Administrative Adjustments can be used to correct errors, project changes, or omissions in the approved TIP if they do not exceed the provisions listed above for a formal amendment<sup>5</sup>. Included in this provision is the splitting or combining of two or more projects if the project does not trigger a major change. These

<sup>4</sup> The Federal Court of Claims coined the term "cardinal change" to describe those changes that are beyond the scope of the contract. FTA Guidance on Cardinal Changes

(<https://www.transit.dot.gov/funding/procurement/third-party-procurement/cardinal-changes>)

<sup>5</sup> 23 CFR 450.104



modifications shall be presented to the Technical Committee for information only and will not need to be addressed by the Technical or Coordinating Committee(s) or Public. Additionally, administrative adjustments are not required to follow the same public participation requirements as a general TIP update or amendment<sup>6</sup> and therefore do not require a public comment period.

Errors made in the ministerial functions of creating and maintaining the TIP, such as cartography, typographical, spelling, minor word omissions, and mathematical errors that have little or no impact can be performed by staff and shall not be considered a revision to the TIP.

---

<sup>6</sup> 23 CFR 450.326 TIP Revisions and Relationship to the STIP.



# FINANCIAL PLAN

## Project Funding

Projects are funded from several sources. Federal Transit Administration (FTA) funds are allocated to transit operators by formulas through the FTA Region 7 office in Kansas City and state transit funds flow through MoDOT and KDOT. These funds are utilized for the operations of St. Joseph Transit and various paratransit operations in the region.

All the estimated amounts of transportation project funds are included in the individual project tables. The estimates of reasonably expected funding levels based on recent experience are compared to the levels of federal, state, and local funding for transportation facilities and services that are requested by the state DOTs and local governments for inclusion in the TIP. Comparing these expected funding levels and funding request levels allows SJATSO to determine if the TIP is fiscally constrained.

Project sponsors hold ultimate responsibility for ensuring that project information contained in the TIP is correct, that it accurately represents the scope of work being performed, and that the amount of funding being requested is correct. The sponsor is responsible for providing SJATSO with an honest accounting of project details including costs, implementation schedules, and local matching fund sources, at the time of application for federal funds and anytime such details change. The project sponsor is also responsible for reviewing the TIP after a project is included or modified to ensure correctness.

There are long standing local funding sources to accomplish the goals and objectives of local, state, and federal transportation programs. Local sponsors use a myriad of local revenues to not only operate and maintain the federally eligible system, but also to match federal funds for projects on it. Revenues to fund operations and maintenance, local match on federal projects or non-federal, regionally significant local projects, come from the cities and counties sponsoring the projects. Those sources include the following:

City and County Distributions (CART Funds): These funds are a combination of Motor Fuel Tax, Vehicle Sales Tax and Vehicle Fees. These funds are distributed from MoDOT revenues to the Cities and Counties through the Department of Revenue. For most instances, these funds fully support the maintenance and operation cost for federally eligible facilities.



Other Committed Funds: Other committed funds are non-federal resources composed of remaining CART funds from previous year distributions, local transportation taxes, grant funds, general revenues, and special use initiative funds. These non-federal funds are used when total program commitments exceed the available CART funds. When a local sponsor wants to program a project, they commit to providing the non-federal local match in excess of the CART funds through these sources.

## Demonstration of Fiscal Constraint

TIPs are required to have a four year **fiscally constrained** program of projects. This TIP provides realistic cost and funding estimates for improvement projects in the first two years of the fiscal constraint period (2022–2024). Predicting the revenues that will be available and costs for projects in the second half of that period (2024–2025) is a more speculative exercise, dependent on several factors. Thus, available revenues for 2024 and 2025 are based on rough estimates, which are helpful in showing the four years of fiscally constrained project tables. SJATSO has assumed that 2020 levels for federal funding will remain in place for funding through 2025 with adjustments for inflation. The forecasted revenues tables show that the level of project funding from reasonable sources and the total level of project funding programmed in this TIP is balanced and this TIP is fiscally constrained.

To exhibit financial constraint, a financial plan should address three questions:

1. What will the needs for transportation in the SJATSO planning area cost?
  - a. The needs are identified by including a project in the listing of fiscally constrained transportation projects and the costs are summarized by funding source in Table 1 and Table 2.
2. What revenues are available that can be applied to the needs?
  - a. Specific revenues available to meet the needs are identified in Table 1 and Table 2 by jurisdiction and source.
3. Are the revenues sufficient to cover the costs?
  - a. As demonstrated in Table 1 and Table 2, programmed fund amounts are less than, or equal to, the anticipated available fund amounts.

**Fiscally constrained** means enough financial resources are available to fund projects listed in the TIP.



In addition to having a clearly identified source of funding for each roadway, bridge, transit, and enhancement project listed in the TIP, the project sponsor must also present their project costs in **Year of Expenditure (YOE)** dollars. This allows the project estimates to consider inflation and should make them more realistic than using constant dollars. This fiscal analysis uses an annual inflation factor of 1.5 percent for all TIP projects unless otherwise indicated. MoDOT, for example, uses a factor of 3 percent.

## Forecast Revenue Available for Transportation Funding

Federal funding forecasts, provided by state DOTs based on published notices in the Federal Register, estimate fiscal year authorization levels by the FHWA and FTA under the current highway act.

For federally funded projects, the TIP must identify the appropriate matching funds by source. The matching funds are usually provided by state and local governments. State revenue forecasts are also provided by the DOTs based on historical data of the State Fuel Tax, State Vehicle Sales and Use Tax and General Revenue.

## FTA Section 5310 Awards

The Section 5310 program was established in 1975 as a discretionary capital assistance program. In cases where public transit was unavailable, insufficient, or inappropriate, the program awarded grants to private nonprofit organizations to serve the transportation needs of seniors and persons with disabilities. Eligible activities for these funds have evolved over time, and currently include “traditional” projects such as replacing vehicles as well as mobility projects beyond the requirements of the ADA, projects that improve fixed route transit service access and serve low income populations. A full list of eligible activities can be found in MoDOT’s Application Instructions, <https://www.modot.org/transit-applications-and-reporting>.

**Year of Expenditure (YOE)**  
Estimated project costs should reflect inflation rates. The inflation rate, when used, is noted in the individual project tables.

The Missouri Department of Transportation (<http://www.modot.org/>) is the designated recipient of Federal Transit Administration (FTA) Section 5310 (49 USC 5310) program funding for portions of Missouri that include all non-urbanized (rural) locations in Missouri as well as the Census-designated small urbanized areas in the 50,000 – 199,999 population range, which includes the St. Joseph Metropolitan Area (MPA). As a result, MoDOT works directly with project sponsors for the distribution of these funds.



Many providers that apply for and receive 5310 funds are small non-profit agencies whose service area expands outside of the MPA, sometimes just passing through the urbanized area. Because of this, Section 5310 recipients awarded by MoDOT who operate primarily in the rural areas surrounding the St. Joseph MPA utilize the MO STIP for planning requirements.

Agencies that were awarded Section 5310 funds this past funding cycle include:

- St. Joseph Transit

These awards include funds for both capital and operating assistance; more details can be found in MoDOT's STIP at <https://www.modot.org/DRAFTSTIP>.

The Kansas Department of Transportation follows much the same process. The below agencies were awarded funds in the last cycle and serve Doniphan County and while mainly based outside of the MPA, move through or to areas within the metropolitan area.

- St. Joseph Transit

More details for these awards can be found in KDOT's STIP at <https://www.ksdot.org/bureaus/burProgProjMgmt/stip/stip.asp>.



Table 1: Programmed Federal and State Funds Compared to Available Funds

Funding Source		Programmed Funds					Available Funds				
Federal		FY2022	FY2023	FY2024	FY2025	Total	FY2022	FY2023	FY2024	FY2025	Total
FHWA	NHPP	\$0	\$3,770,000.00	\$0	\$0	\$ 3,770,000.00	\$0	\$3,770,000.00	\$0	\$0	\$3,770,000.00
FHWA	NHPP-BR	\$5,458,600	\$4,345,000	\$1,346,000	\$0	\$11,149,600	\$5,458,600	\$4,345,000	\$1,346,000	\$0	\$11,149,600
FHWA	NHPP-IM	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
FHWA	NHPP-NHS	\$2,634,600	\$8,150,500	\$0	\$0	\$10,785,100	\$2,634,600	\$8,150,500	\$0	\$0	\$10,785,100
FHWA	HSIP	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0
FHWA	STBG	\$84,200	\$527,000	\$1,191,000	\$0	\$1,802,200	\$84,200	\$527,000	\$1,191,000	\$0	\$1,802,200
FHWA	STP	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0	
FHWA	TAP	\$200,000	\$0	\$0	\$0	\$200,000	\$200,000	\$0	\$0	\$0	\$200,000
FHWA	SAFETY	\$8,000	\$8,000	\$0	\$0	\$16,000	\$8,000	\$8,000	\$0	\$0	\$16,000
FHWA	RTP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
FHWA	AC-State	\$180,800	\$8,437,000	\$7,478,000	\$0	\$16,095,800	\$180,800	\$8,437,000	\$7,478,000	\$0	\$16,095,800
FTA	5307	\$1,626,000	\$1,650,390	\$1,675,146	\$1,700,273	\$6,651,809	\$1,626,000	\$1,650,390	\$1,675,146	\$1,700,273	\$6,651,809
FTA	5310	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
FTA	5311	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
FTA	5339	\$326,620	\$256,051	\$266,057	\$277,412	\$1,126,140	\$326,620	\$256,051	\$266,057	\$277,412	\$1,126,140
FAA	AIP	\$0	\$0	\$0	\$0	\$0					\$0
	Federal Totals	\$10,518,820	\$23,373,941	\$11,956,203	\$1,977,686	\$47,826,649	\$10,518,820	\$23,373,941	\$11,956,203	\$1,977,686	\$47,826,649
State		FY2022	FY2023	FY2024	FY2025	Total	FY2022	FY2023	FY2024	FY2025	Total
MoDOT	MPEN	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
MoDOT	SAFETY	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
MoDOT	STATE OPERATING	\$19,586	\$19,880	\$20,178	\$20,481	\$80,126	\$19,586	\$19,880	\$20,178	\$20,481	\$80,126
MoDOT	SWIMB	\$158,000	\$1,069,000	\$0	\$0	\$1,227,000	\$158,000	\$1,069,000	\$0	\$0	\$1,227,000
MoDOT	TCOS	\$794,000	\$3,333,500	\$998,000	\$0	\$5,125,500	\$794,000	\$3,333,500	\$998,000	\$0	\$5,125,500
MoDOT	SPF	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
KDOT	State	\$0	\$942,500	\$0	\$0	\$942,500	\$0	\$942,500	\$0	\$0	\$942,500
KDOT		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	State Totals	\$971,586	\$5,364,880	\$1,018,178	\$20,481	\$7,375,126	\$971,586	\$5,364,880	\$1,018,178	\$20,481	\$7,375,126
Yearly Totals		\$11,490,406	\$28,738,821	\$12,974,381	\$1,998,167		\$11,490,406	\$28,738,821	\$12,974,381	\$1,998,167	
Programmed Total						\$55,201,775	Total Available Funds				\$55,201,775



Table 2: Programmed Local Funds Compared to Available Funds

Local		FY2022	FY2023	FY2024	FY2025	Total
St. Joseph	Programmed	\$5,007,038	\$4,979,118	\$5,049,667	\$5,132,777	\$20,168,600
	Op and Maint Costs	\$810,608	\$822,767	\$835,109	\$847,636	\$3,316,120
	CART	\$3,075,617	\$3,167,886	\$3,262,922	\$3,360,810	\$12,867,235
	Remaining	\$2,742,029	\$2,633,999	\$2,621,854	\$2,619,603	\$10,617,485
	Other Committed Funds	\$2,742,029	\$2,633,999	\$2,621,854	\$2,619,603	\$10,617,485
	Remaining	\$0	\$0	\$0	\$0	\$0
Private		\$0	\$0	\$0	\$0	\$0
Local Programming and O&M Totals		\$5,817,646	\$5,801,885	\$5,884,776	\$5,980,413	\$23,484,721
Local Funding Available Totals		\$5,817,646	\$5,801,885	\$5,884,776	\$5,980,413	\$23,484,721

## Operation and Maintenance (O&M) Funding

### MoDOT Operations and Maintenance

Maintenance costs include MoDOT's salaries, materials and equipment needed to deliver the roadway and bridge maintenance programs. This category includes basic maintenance activities like minor surface treatments such as: sealing, small concrete repairs, and pothole patching; mowing right of way; snow removal; replacing signs; striping; repairing guardrail; and repairing traffic signals. Performing these activities requires employees; vehicles and other machinery; and materials such as salt, asphalt, and fuel. Maintenance operations expenditures are expected to increase 1.5% annually.

Calculations are \$398,294,000 / 77,541 lane miles.

This makes MoDOT's cost, \$5,137 per lane mile

---

#### Assumptions:

Maintenance Operations	\$503,302,000 *
Fleet Investments	\$ 26,452,000 *
Total	\$529,754,000
Minus Maintenance Fringe Benefits	\$131,460,000 *
Total	\$398,294,000

Lane miles 77,541 \*\*

\*Source: FY 2020 Budget approved 6/5/2019

\*\* Source: Official 2018 State System Mileage



## Kansas Department of Transportation KDOT

The maintenance and operations from KDOT include all parts of Doniphan County not just those that are within the metropolitan area. Operations and maintenance is calculated by sub area of KDOT districts. The sub area that Elwood and Wathena are in is the whole county. The sub areas are split up based on snow/ice operations. Costs include estimates for pavement work, basic maintenance, shoulder work, drainage, roadside, minor bridge repairs, snow and ice removal and traffic guidance (see Table 3). Cost estimates for 2022 to 2025 are based on the 2017 costs using a 3 percent inflation rate.

Table 3: KDOT O&M Estimates for FY FY2018–FY2020 including the inflation rate and a rolling 3 year average.

KDOT Operating and Maintenance Estimates OT Operating and Maintenance Estimates					
	FY2018	FY2019	FY2020	Total	Rolling 3 Year Average (2018-2020)
Pavement	\$ 3,987.07	\$ 5,693.80	\$ 9,439.03	\$ 19,119.90	\$ 6,373.30
Shoulders	\$ 16,392.95	\$ 6,663.23	\$ 10,740.33	\$ 33,796.51	\$ 11,265.50
Drainage	\$ 7,791.33	\$ 4,784.89	\$ 10,158.95	\$ 22,735.17	\$ 7,578.39
Roadside	\$ 7,904.81	\$ 6,231.48	\$ 9,086.91	\$ 23,223.20	\$ 7,741.07
Bridge	\$ 2,150.61	\$ 504.28	\$ -	\$ 2,654.88	\$ 884.96
Snow & Ice	\$ 17,054.29	\$ 35,672.44	\$ 24,060.61	\$ 76,787.34	\$ 25,595.78
Traffic Guidance	\$ 3,533.13	\$ 1,894.92	\$ 2,711.17	\$ 8,139.22	\$ 2,713.07
<b>Total</b>	<b>\$ 58,814.18</b>	<b>\$ 61,445.04</b>	<b>\$ 66,196.99</b>	<b>\$ 68,182.90</b>	<b>\$ 62,152.07</b>
Note: These numbers include all of Sub-area 1140, which extends beyond Elwood and Wathena					

The total for the Elwood–Wathena urban area is 119.416 lane–miles of roadway. KDOT reports 59.754 lane–miles of roads classified as Arterial or Collector, and 59.662 lane–miles of Local roads. The Local total assumes 2–lane; KDOT only has records for centerline miles of these roads. The State System roads account for 28.664 lane–miles; 31.09 lane–miles of Arterial or Collector and all the Local roads are managed by local governments. Table 4 provides the 2020 total operating and maintenance costs, as well as the miles and cost per lane mile.

Table 4: KDOT O&M Costs and Lane Miles

2020 Total O & M Cost	# of KDOT State System lane miles	Cost per lane mile 2020
<b>\$62,152.07</b>	<b>28.664</b>	<b>\$2,168.30</b>



## Local Governments

Table 5: Local Road O&M Costs and Lane Miles

Entity	Centerline Miles	Cost/Mile for Maintenance and Operation*
Buchanan	0.68	\$6,945
Savannah	1.88	\$19,274
St. Joseph	78.90	\$810,608
* Based upon MoDOT Cost/CL Mile of \$10,274		

### St. Joseph Transit

In addition to the local government operations and maintenance previously discussed, St. Joseph Transit expenses also cover fleet repair/maintenance, repairing/replacing bus shelters, bus washing, bus maintenance facilities, and fuel. Table 6 shows the estimated expenditures for transit operations and maintenance.

Table 6: St Joseph Transit Operating and Maintenance

Transit O&M Financial Summary				
	2022	2023	2024	2025
Total Available Revenue	\$ 28,096,193.00	\$ 28,517,635.90	\$ 28,945,400.43	\$ 29,379,581.44
O&M	\$ (6,918,794.46)	\$ (7,022,576.37)	\$ (7,127,915.02)	\$ (7,234,833.74)
Transit TIP Project Expenditures	\$ (6,716,444.46)	\$ (6,724,213.62)	\$ (6,820,939.95)	\$ (6,930,618.73)
Remaining Available Revenue	\$ 14,460,954.09	\$ 14,770,845.90	\$ 14,996,545.46	\$ 15,214,128.97

\*MTT – Mass Transit Table



Table 7 St. Joseph Transit Available Local and State Revenue Table:

Source	FY2022	FY2023	FY2024	FY2025
Mass Transit Fund Balance	\$ 21,584,751.00	\$ 21,908,522.27	\$ 22,237,150.10	\$ 22,570,707.35
City of St. Joseph Transit (Utility Tax) (Table 8)	\$ 1,160,360.00	\$ 1,160,360.00	\$ 1,160,360.00	\$ 1,160,360.00
City of St. Joseph Transit (Sales Tax) (T8)	\$ 4,586,063.96	\$ 4,608,994.28	\$ 4,632,039.25	\$ 4,655,199.45
MoDOT Operating (T6)	\$ 19,586.46	\$ 19,880.25	\$ 20,178.46	\$ 20,481.13
Total Available Local & State	\$ 27,350,761.42	\$ 27,697,756.80	\$ 28,049,727.81	\$ 28,406,747.93

\*Increase in 1.5% Inflation Rate



# FISCALLY CONSTRAINED PROJECTS

## Aviation

*No projects currently.*



## Bicycle and Pedestrian

City of St. Joseph				Funding								
Buchanan County				Source	Category	Prior Prog.	FY2022	FY2023	FY2024	FY2025	TOTAL	
Project Name	Patee Trail - Phase 3			ENG	Federal						\$0	
State #					State						\$0	
TIP #	BP-2019-01				Local	CIP		\$8,100				\$8,100
					Other							\$0
Description	Construction of 10' wide and 6" thick urban trail from 22nd Street to Mitchell			ROW	Federal						\$0	
					State						\$0	
					Local						\$0	
					Other						\$0	
Within EJ Area (Y/N)	Y											
Bike/Ped Element (Y/N)	Y											
Project Length (feet)	3,200				Federal	TAP		\$200,000				\$200,000
Total Federal Funding	TAP			CON	State							\$0
					Local	CIP			\$81,200			\$81,200
					Other							\$0
Total State Funding						TOTAL		\$0	\$289,300	\$0	\$0	\$0
Total Local Funding	CIP		\$89,300		Note: Also known as 2015 Urban Trail Phase 21. the local amount for engineering reflects in-house design							
Total Project Cost	\$289,300											
MTP Goals & Objectives												

Bicycle & Pedestrian Financial Summary by Agency						
Agency: City of St. Joseph	Source	FY2022	FY2023	FY2024	FY2025	TOTAL
	Federal	\$200,000	\$0	\$0	\$0	\$200,000
	State	\$0	\$0	\$0	\$0	\$0
	Local	\$89,300	\$0	\$0	\$0	\$89,300
	Other	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>		<b>\$289,300</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$289,300</b>

Bicycle & Pedestrian Financial Summary						
	Source	FY2022	FY2023	FY2024	FY2025	TOTAL
	Federal	\$200,000	\$0	\$0	\$0	\$200,000
	State	\$0	\$0	\$0	\$0	\$0
	Local	\$89,300	\$0	\$0	\$0	\$89,300
	Other	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>		<b>\$289,300</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$289,300</b>

Bicycle & Pedestrian Project Summary for FY2022-2023								
	Project Length (in feet)	# of Projects with Bike/Ped Element	Federal Funds in EJ Area	% Total Fed Funds	State Funds in EJ Area	% Total State Funds	Local Funds in EJ Area	% Total Local Funds
St. Joseph	6,400	7	\$200,000	100.00%	\$0	0.00%	\$89,300	100.00%
Total	6,400	7	\$200,000.00	100.00%	\$0.00	0.00%	\$89,300.00	100.00%
Note: Maintenance spans city wide going in and out of EJ areas, therefore the amounts reflected are not, and should not be considered entirely invested in EJ areas								



## Bridge

MoDOT				ENG	Funding			Fiscal Year				
Buchanan County					Source	Category	Prior Prog.	FY2022	FY2023	FY2024	FY2025	TOTAL
Project Name:	Rte. AC Bridge Rehabilitation				Federal	STBG	\$34,000	\$8,000	\$30,000	\$89,000		\$127,000
STIP#	J1S3030				State	TCOS	\$8,000	\$2,000	\$8,000	\$22,000		\$32,000
TIP #	BR-2022-02				Local							\$0
Description:	Replace the bridge deck on the bridge over Rte. 36 (Bridge A2822).				Other							\$0
Within EJ Area (Y/N)	N				Federal							\$0
					State							\$0
					Local							\$0
Agency Bike/Ped Plan	Y				Other							\$0
Project Length (miles)	N/A			Federal	STBG				\$1,102,000		\$1,102,000	
Total Federal	STBG		\$1,229,000	State	TCOS				\$276,000		\$276,000	
Total State Funding	TCOS		\$308,000	Local							\$0	
Total Local Funding			\$0	Other							\$0	
Total Project Cost:	\$1,579,000			TOTAL		\$42,000	\$10,000	\$38,000	\$1,489,000	\$0	\$1,537,000	
MTP Goals & Objective	System Preservation			Note: A rate of 3% per year was applied for inflation for FY 2023-2025; inflation is not applied to ENG costs per sponsor								

MoDOT					Funding							
Buchanan County					Source	Category	Prior Prog.	FY2022	FY2023	FY2024	FY2025	TOTAL
Project Name:	I-229 Bridge Rehabilitation			ENG	Federal	NHPP		\$92,000	\$306,000			\$398,000
STIP#	J1I3386				State	TCOS		\$23,000	\$76,000			\$99,000
TIP #	BR-2022-01				Local							\$0
Description:	Rehabilitate bridge A3032 over 6th and Atchison Streets in St. Joseph. Includes both northbound and				Other							\$0
Within EJ Area (Y/N)	Y			ROW	Federal							\$0
					State							\$0
					Local							\$0
Agency Bike/Ped Plan	Y			Other						\$0		
Project Length (miles)	N/A			CON	Federal	NHPP		\$3,970,000			\$3,970,000	
Total Federal Funding	NHPP		\$4,368,000		State	SWIMB		\$993,000			\$993,000	
Total State Funding	TCOS		\$1,092,000		Local							\$0
Total Local Funding			\$0		Other							\$0
Total Project Cost	\$5,460,000				TOTAL		\$0	\$115,000	\$5,345,000	\$0	\$0	\$5,460,000
MTP Goals & Objectives	System Management			Note: A rate of 3% per year was applied for inflation for FY 2023-2025; inflation is not applied to ENG costs per sponsor request.								

MoDOT				ENG	Funding			Fiscal Year				
Buchanan County					Source	Category	Prior Prog.	FY2022	FY2023	FY2024	FY2025	TOTAL
Project Name:	Cook Road Bridge Rehabilitation			Federal	NHPP	\$8,000	\$800	\$18,000	\$49,000			\$67,800
STIP#	J1I3330			State	TCOS	\$2,000	\$200	\$5,000	\$12,000			\$19,200
TIP #	BR-2021-01			Local								\$0
Description:	Replace the bridge deck on the bridge over I-29 (Bridge A0700).			Other								\$0
Within EJ Area (Y/N)	N			Federal								\$0
				State								\$0
				Local								\$0
Agency Bike/Ped Plan	Y			Other								\$0
Project Length (miles)	N/A			Federal	NHPP				\$630,000			\$630,000
Total Federal	NHPP		\$697,800	State	TCOS				\$157,000			\$157,000
Total State Funding	TCOS		\$176,200	Local								\$0
Total Local Funding			\$0	Other								\$0
Total Project Cost:	\$882,000			TOTAL		\$10,000	\$1,000	\$23,000	\$848,000	\$0		\$874,000
MTP Goals & Objective	System Preservation			Note: A rate of 3% per year was applied for inflation for FY 2023-2025; inflation is not applied to ENG costs per sponsor request.								

MoDOT				ENG	Funding			Fiscal Year				
Buchanan County					Source	Category	Prior Prog.	FY2022	FY2023	FY2024	FY2025	TOTAL
Project Name:	Gene Field Road Bridge Rehabilitation			Federal	NHPP	\$8,000	\$800	\$34,000	\$48,000			\$82,800
STIP#	J1I3332			State	TCOS	\$2,000	\$200	\$9,000	\$12,000			\$21,200
TIP #	BR-2021-02			Local								\$0
Description:	Replace the bridge deck on the bridge over I-29 (Bridge A0701).			Other								\$0
Within EJ Area (Y/N)	N			Federal	NHPP			17000				\$17,000
				State	TCOS			4000			\$4,000	
				Local							\$0	
				Agency Bike/Ped Plan	Y			Other				
Project Length (miles)	N/A			Federal	NHPP				\$619,000		\$619,000	
Total Federal	NHPP		\$718,800	State	TCOS				\$155,000		\$155,000	
Total State Funding	TCOS		\$180,200	Local								\$0
Total Local Funding				Other								\$0
Total Project Cost:	\$909,000			TOTAL		\$10,000	\$1,000	\$64,000	\$834,000	\$0		\$899,000
MTP Goals & Objective	System Management			Note:								



MoDOT					Funding			Fiscal Year				
Buchanan/Doniphan County					Source	Category	Prior Prog.	FY2022	FY2023	FY2024	FY2025	TOTAL
Project Name:	Rte. 36 Bridge Improvements			ENG	Federal	NHPP	\$73,000	\$604,000				\$604,000
STIP#	J1P3295				State	SWIMB	\$8,000	\$68,000				\$68,000
TIP #	BR-2020-02			ROW	Local							\$0
Description:	Bridge rehabilitation on bridge over Missouri River (Pony Express bridge) in St. Joseph (Bridges A3664/A3665/A3666) KDOT participating in cost of project.				Other	KDOT		\$212,500				\$212,500
					Federal						\$0	
					State						\$0	
Within EJ Area (Y/N)	Y				Local							\$0
Agency Bike/Ped Plan	Y				Other							\$0
Project Length (miles)	N/A			CON	Federal	NHPP		\$4,433,000				\$4,433,000
Total Federal	NHPP		\$5,037,000		State	SWIMB		\$67,000				\$67,000
Total State Funding	SWIMB		\$135,000		Local							\$0
Other Funding	KDOT		\$4,712,500		Other	KDOT		\$4,500,000				\$4,500,000
Total Project Cost:	\$9,965,500				TOTAL		\$81,000	\$9,884,500	\$0	\$0	\$0	\$9,884,500
MTP Goals & Objective	System Management			Note: Reimbursement from KDOT is shown under TIP project BR-2022-03 (KDOT project KA-6100-01)								

KDOT				Funding									
Buchanan and Doniphan County				Source	Category	Prior Prog.	FY2022	FY2023	FY2024	FY2025	TOTAL		
Project Name:	Reimbursement for US 36 Bridge Rehab			ENG	Federal	NHPP		\$170,000			\$170,000		
STIP#	KA-6100-01				State	State		\$42,500			\$42,500		
TIP #	BR-2022-03				Local						\$0		
Description:	Payment to MoDOT for KDOT's share of work on the US 36 bridge over the Missouri River. MoDOT project 1P3295 and TIP project BR-2020-02.				Other						\$0		
Within EJ Area (Y/N)	Y			ROW	Federal						\$0		
					State						\$0		
					Local						\$0		
					Other						\$0		
Agency Bike/Ped Plan	Y			Federal	NHPP			\$3,600,000			\$3,600,000		
Project Length (miles)	N/A			State	State			\$900,000			\$900,000		
Total Federal	NHPP		\$3,770,000	Local							\$0		
Total State Funding	State		\$942,500	Other							\$0		
Total Local Funding			\$0	TOTAL		\$0	\$0	\$4,712,500	\$0	\$0	\$4,712,500		
Total Project Cost	\$4,712,500			Note: KDOT will be transferring \$3.77 million of NHPP funds to MoDOT in 2023 (MoDOT project 1P3295)									
MTP Goals & Objectives	System Preservation												

Bridge Financial Summary by Agency						
Agency: MoDOT	Source	FY2022	FY2023	FY2024	FY2025	TOTAL
	Federal	\$9,851,100	\$8,145,000	\$2,537,000	\$0	\$20,533,100
	State	\$160,400	\$4,865,000	\$634,000	\$0	\$5,659,400
	Local	\$0	\$0	\$0	\$0	\$0
	Other	\$4,712,500	\$0	\$0	\$0	\$4,712,500
TOTAL		\$14,724,000	\$13,010,000	\$3,171,000	\$0	\$30,905,000

Agency: KDOT	Source	FY2022	FY2023	FY2024	FY2025	TOTAL
	Federal		\$3,770,000	\$0	\$0	\$3,770,000
	State	\$0	\$942,500	\$0	\$0	\$942,500
	Local	\$0	\$0	\$0	\$0	\$0
	Other	\$0	\$0	\$0	\$0	\$0
TOTAL		\$0	\$4,712,500	\$0	\$0	\$4,712,500

Bridge Financial Summary						
	Source	FY2022	FY2023	FY2024	FY2025	TOTAL
	Federal	\$14,563,600	\$15,685,000	\$2,537,000	\$0	\$32,785,600
	State	\$160,400	\$6,750,000	\$634,000	\$0	\$7,544,400
	Local	\$0	\$0	\$0	\$0	\$0
	Other	\$0	\$0	\$0	\$0	\$0
TOTAL		\$14,724,000	\$22,435,000	\$3,171,000	\$0	\$40,330,000

Bridge Project Summary for FY2022-2025								
	Project Length (in feet)	# of Projects with Bike/Ped Element	Federal Funds in EJ Area	% Total Fed Funds	State Funds in EJ Area	% Total State Funds	Local Funds in EJ Area	% Total Local Funds
MoDOT	N/A	0	\$5,037,000	24.53%	\$135,000	2.39%	\$0	0.00%
St. Joseph	N/A	0	\$0	0.00%	\$0	0.00%	\$0	0.00%
KDOT	0.001	0	\$3,770,000	100.00%	\$942,500	100.00%	\$0	0.00%
Total	N/A	0	\$8,807,000	26.86%	\$1,077,500	14.28%	\$0	0.00%



## Highways and Streets – Rehab and Reconstruction

MoDOT				Funding								
Buchanan County				Source	Category	Prior Prog.	FY2022	FY2023	FY2024	FY2025	TOTAL	
Project Name:	US 36 Westbound Lane Resurfacing			ENG	Federal	NHPP	\$80,000	\$204,000			\$204,000	
STIP#	JIP3368				State	TCOS	\$20,000	\$51,000			\$51,000	
TIP #	RR-2022-01				Local						\$0	
Description:	Resurface from 0.75 east of Rte. AC, in St. Joseph, to east of MD 31 in DeKalb County.				Other						\$0	
				ROW	Federal						\$0	
					State						\$0	
Within EJ Area (Y/N)	N				Local						\$0	
Agency Bike/Ped Plan (Y/N)	Y				Other						\$0	
Project Length (miles)	11.0			CON	Federal	NHPP		\$2,391,000			\$2,391,000	
Total Federal Funding	NHPP		\$2,675,000		State	TCOS	\$598,000				\$598,000	
Total State Funding	TCOS		\$669,000		Local				\$0	\$0	\$0	
Total Local Funding			\$0		Other						\$0	
Total Project Cost			\$3,344,000		TOTAL		\$100,000	\$3,244,000	\$0	\$0	\$0	\$3,244,000
MTP Goals & Objectives	System Preservation											

MoDOT				Funding								
Andrew and Buchanan County				Source	Category	Prior Prog.	FY2022	FY2023	FY2024	FY2025	TOTAL	
Project Name:	Pavement Resurfacing on Various Routes in St. Joseph			ENG	Federal	AC -State		\$24,000	\$90,000			\$114,000
STIP#	JIP3406				State	TCOS		\$6,000	\$22,000			\$28,000
TIP #	RR-2022-02				Local							\$0
					Other							\$0
Description:	Resurface various routes: Rte. 752 (Alabama St./Hyde Park Ave.), Rte 59 (I-29 to Country Club Village), and LP 29 (Pear St.)			ROW	Federal							\$0
					State							\$0
					Local							\$0
					Other							\$0
Within EJ Area (Y/N)	Y			CON	Federal	AC -State						\$0
Agency Bike/Ped Plan (Y/N)	Y				State	TCOS		\$1,219,000				\$1,219,000
Project Length (miles)	5.6				Local			\$305,000				\$305,000
Total Federal Funding	AC-State		\$1,333,000		Other							\$0
Total State Funding	TCOS		\$333,000									\$0
Total Local Funding			\$0									\$0
Total Project Cost			\$1,666,000		TOTAL		\$0	\$30,000	\$1,636,000	\$0	\$0	\$1,666,000
MTP Goals & Objectives	System Preservation			Note: A rate of 3% per year was applied for inflation for FY 2023-2025; inflation is not applied to ENG costs per sponsor request. Anticipated future federal category = STBG								

MoDOT				Funding								
Andrew and Buchanan County				Source	Category	Prior Prog.	FY2022	FY2023	FY2024	FY2025	TOTAL	
Project Name:	On-Call Interstate Pavement Repair			ENG	Federal	AC-State		\$4,500				\$4,500
STIP#	J113390				State	TCOS		\$500				\$500
TIP #	RR-2022-03				Local							\$0
Description:	On-call contract to repair sections of asphalt pavement on I-29/I-229 from the Iowa state line to Platte County (Atchison, Buchanan, Holt, Andrew and Buchanan Co.)				Other							\$0
				ROW	Federal						\$0	
Within EJ Area (Y/N)	N				State							\$0
Agency Bike/Ped Plan (Y/N)	Y				Local							\$0
Project Length (miles)					Other							\$0
Total Federal Funding	AC-State		\$904,500	CON	Federal	AC-State	\$900,000				\$900,000	
Total State Funding	TCOS		\$100,500		State	TCOS	\$100,000				\$100,000	
Total Local Funding			\$0		Local						\$0	
Total Project Cost			\$1,005,000		Other						\$0	
TOTAL							\$0	\$1,005,000	\$0	\$0		\$1,005,000
MTP Goals & Objectives	System Preservation			Anticipated future federal category = NHPP								

MoDOT				Funding							
Andrew County				Source	Category	Prior Prog.	FY2022	FY2023	FY2024	FY2025	TOTAL
Project Name	I-29 Pavement Improvements - North Segment			Federal	AC-State	\$6,300	\$40,000	\$97,000	\$508,000		\$645,000
STIP#	J113317			State	TCOS	\$700	\$4,000	\$11,000	\$56,000		\$71,000
TIP #	RR-2022-04			Local							\$0
Description	Pavement resurfacing from US 59 (Holt Co.) to Bus. 71. (Andrew Co.) near St. Joseph.			Other							\$0
				Federal						\$0	
				State						\$0	
				Local						\$0	
Within EJ Area (Y/N)	N			Other							\$0
Bike/Ped Element (Y/N)	Y			Federal	AC-State				\$6,970,000		\$6,970,000
Project Length (miles)	14.1			State	TCOS				\$775,000		\$775,000
Total Federal Funding	AC-State		\$7,615,000	Local							\$0
Total State Funding	TCOS		\$846,700	Other							\$0
Total Local Funding	Gen Fund		\$0	TOTAL		\$7,000	\$44,000	\$108,000	\$8,309,000	\$0	\$8,461,000
Total Project Cost			\$8,468,000	Note: A rate of 3% per year was applied for inflation for FY 2023-2025; inflation is not applied to ENG costs per sponsor request. Anticipated future federal category = NHPP.							
MTP Goals & Objectives	System Management										



MoDOT				Funding								
Andrew and Buchanan Counties				Source	Category	Prior Prog.	FY2022	FY2023	FY2024	FY2025	TOTAL	
Project Name:	Various			ENG	Federal	AC-State	\$3,200	\$44,800	\$136,800			\$181,600
STIP#	J1P3323				State	TCOS	\$800	\$11,200	\$34,200			\$45,400
TIP #	RR-2021-01				Local							\$0
Description:	Pavement preservation treatment on routes in Andrew Co. (71, 59, LP 29, E, and C), and Buchanan Co. (59, 752, AC, 6, A, MM, JJ, VV)			ROW	Other						\$0	
					Federal							\$0
					State							\$0
Within EJ Area (Y/N)	N				Local							\$0
Agency Bike/Ped Plan (Y/N)	Y				Other							\$0
Project Length (miles)	47.9			Federal	AC-State			\$1,880,000				\$1,880,000
Total Federal Funding	AC-State		\$2,064,800	State	TCOS			\$470,000				\$470,000
Total State Funding	TCOS		\$516,200	Local								\$0
Total Local Funding	Gen Fund		\$0	Other								\$0
Total Project Cost	\$2,581,000			TOTAL		\$4,000	\$56,000	\$2,521,000	\$0	\$0		\$2,577,000
MTP Goals & Objectives	System Preservation											

MoDOT				Funding			Fiscal Year				
Andrew and Buchanan Counties				Source	Category	Prior Prog.	FY2022	FY2023	FY2024	FY2025	TOTAL
Project Name:	Pavement Resurfacing on Various Routes in the MPO			ENG	Federal	AC-State	\$2,400	\$90,000	\$257,000		\$347,000
STIP#	J1S3324				State	TCOS	\$600	\$23,000	\$64,000		\$87,000
TIP #	RR-2022-05				Local						\$0
Description:	Resurfacing on Rte. 169 (Andrew & Buchanan Co.), Rte. 59 (Buchanan Co.), and Rte. E (Andrew Co.). Part of larger project with other routes in Andrew, Buchanan			ROW	Other						\$0
					Federal						\$0
					State						\$0
Within EJ Area (Y/N)	N			CON	Local						\$0
Agency Bike/Ped Plan (Y/N)	Y				Other						\$0
Project Length (miles)	24.9				Federal	AC-State			\$3,202,000		\$3,202,000
Total Federal Funding	AC-State		\$3,549,000	State	TCOS			\$801,000			\$801,000
Total State Funding	TCOS		\$888,000	Local							\$0
Total Local Funding			\$0	Other							\$0
Total Project Cost:			\$4,440,000	TOTAL		\$3,000	\$113,000	\$4,324,000	\$0	\$0	\$4,437,000
MTP Goals & Objectives:	System Preservation			Note: A rate of 3% per year was applied for inflation for FY 2022-2024; inflation is not applied to ENG costs per sponsor request. Anticipated federal category STBG							

MoDOT				Funding							
Buchanan and Andrew Counties				Source	Category	Prior Prog.	FY2022	FY2023	FY2024	FY2025	TOTAL
Project Name:	I-23 Pavement Improvements			Federal	NHPP	\$9,000	\$36,000	\$462,000			\$498,000
STIP#	J1I3268			State	TCOS	\$3,000	\$4,000	\$51,000			\$55,000
TIP #	RR-2021-05			Local							\$0
Description:	Resurface and pavement repair from Bus. 71 Interchange to 1.5 south of Route O.			Other							\$0
Within EJ Area (Y/N)	N			Federal							\$0
Agency Bike/Ped Plan (Y/N)	Y			State							\$0
Project Length (miles)	14.0			Local							\$0
Total Federal Funding	NHPP		\$7,255,000	Federal	NHPP			\$6,757,000			\$6,757,000
Total State Funding	TCOS		\$806,000	State	TCOS			\$751,000			\$751,000
Total Local Funding			\$0	Local							\$0
Total Project Cost			\$8,073,000	Other							\$0
MTP Goals & Objectives	System Management			TOTAL		\$12,000	\$40,000	\$8,021,000	\$0	\$0	\$8,061,000

Highways & Streets - Rehabilitation & Reconstruction Financial Summary						
	Source	FY2022	FY2023	FY2024	FY2025	TOTAL
	Federal	\$3,729,800	\$14,105,300	\$7,478,000	\$0	\$25,313,100
	State	\$797,200	\$2,509,700	\$831,000	\$0	\$4,137,900
	Local	\$0	\$0	\$0	\$0	\$0
	Other	\$0	\$0	\$0	\$0	\$0
TOTAL		\$4,527,000	\$16,615,000	\$8,309,000	\$0	\$29,451,000

Highways & Streets - Rehabilitation & Reconstruction Financial Summary by Agency						
Agency: MoDOT	Source	FY2022	FY2023	FY2024	FY2025	TOTAL
	Federal	\$3,729,800	\$14,105,300	\$7,478,000	\$0	\$25,313,100
	State	\$797,200	\$2,509,700	\$831,000	\$0	\$4,137,900
	Local	\$0	\$0	\$0	\$0	\$0
	Other	\$0	\$0	\$0	\$0	\$0
TOTAL		\$4,527,000	\$16,615,000	\$8,309,000	\$0	\$29,451,000

Highways & Streets - Rehabilitation & Reconstruction Project Summary for FY2019-2022								
	Project Length (in miles)	# of Projects with Bike/Ped Element	Federal Funds in EJ Area	% Total Fed Funds	State Funds in EJ Area	% Total State Funds	Local Funds in EJ Area	% Total Local Funds
St. Joseph		0		0.00%	\$1,082,500	0.00%	\$0	#DIV/0!
Savannah		0		0.00%	\$1,361,400	0.00%	\$0	#DIV/0!
MoDOT	117.5	6	\$1,333,000	5.27%	\$0	0.00%	\$0	0.00%
Total	117.5	6	\$1,333,000	5%	\$2,443,900	0%	\$0	100%

Note: The street repair program spans city wide in and out of EJ areas, therefore the amounts reflected are not, and should not be considered entirely invested in EJ areas but should be used for an overall estimate of investment



## Highways and Streets – Capacity and Connectivity

*No projects currently.*



# Public Transportation

St. Joseph Transit Buchanan County				Funding								
Project Name	Operations- Transit Operating Assistance			ENG	Source	Category	Prior Prog.	FY2022	FY2023	FY2024	FY2025	TOTAL
STIP #					Federal							\$0
TIP #	PT-2019-01				State							\$0
					Local							\$0
Description	Operating assistance for mass transit within the limits of St. Joseph, MO and Elwood, KS. Formula funds consist of formula funds from the KS and MO of the urbanized area			ROW	Other							\$0
					Federal						\$0	
					State						\$0	
Within EJ Area (Y/N)	Y*			Local							\$0	
Bike/Ped Element (Y/N)	N			Other								\$0
Project Length				CON	Federal	5307	\$1,489,000	\$1,626,000	\$1,650,390	\$1,675,145.85	\$1,700,273.04	\$6,651,809
Total Federal Funding	5307	1837-2018-1	\$8,140,809		State	State Operating	\$19,297	\$19,586	\$19,880	\$20,178.46	\$20,481.13	\$80,126
Total State Funding	State Operating	TSTOAG18SJ1	\$39,423		Local	Mass Transit Tax	\$4,532,658	\$4,663,658	\$4,739,703	\$4,810,738.41	#####	\$19,103,120
Total Local Funding	Mass Transit Tax		\$23,635,778		Other							\$0
Total Project Cost	\$31,876,010				TOTAL		\$6,040,355	\$6,315,244	\$6,409,373	\$6,506,123	\$6,603,715	\$25,835,055
MTP Goals & Objectives	Accessibility			Note: A rate of 15% was applied to account for inflation for FY19-2021, interest is compounded annually; Prior programmed funds for 5307 were allocated in FFY16. *Service spans city wide going in and out of EJ areas, therefore the amounts reflected are not, and should not be considered entirely invested in EJ areas; Amended Sept 2018								
St. Joseph Transit Buchanan County				Funding								
Project Name	Spare Parts			ENG	Source	Category	Prior Prog.	FY2022	FY2023	FY2024	FY2025	TOTAL
STIP #					Federal							\$0
TIP #	PT-2016-09				State							\$0
					Local							\$0
Description	Spare parts procurement for bus fleet replacement (transmissions, rebuild kits, engines, windshields, etc)			ROW	Other							\$0
					Federal						\$0	
					State						\$0	
Within EJ Area (Y/N)	N			Local							\$0	
Bike/Ped Element (Y/N)				Other								\$0
Project Length				CON	Federal	5339		\$40,000	\$41,203	\$41,827.14	\$42,454.54	\$165,431
Total Federal Funding	5339	1837-2018-2	\$165,431		State							\$0
Total State Funding			\$0		Local	Mass Transit Tax		\$10,000	\$10,302	\$10,456.53	\$10,613.38	\$41,372
Total Local Funding	Mass Transit Tax	460-270	\$41,372		Other							\$0
Total Project Cost	\$206,863				TOTAL		\$0	\$50,000	\$51,511	\$52,284	\$53,068	\$206,863
MTP Goals & Objectives	System Maintenance			Note: Amended Sept 2018								
St. Joseph Transit Buchanan County				Funding								
Project Name	Shop Equipment			ENG	Source	Category	Prior Prog.	FY2022	FY2023	FY2024	FY2025	TOTAL
STIP #					Federal							\$0
TIP #	PT-2016-10				State							\$0
					Local							\$0
Description	Repair and Replace Various Shop Equipment			ROW	Other							\$0
					Federal						\$0	
					State						\$0	
Within EJ Area (Y/N)	N			Local							\$0	
Bike/Ped Element (Y/N)				Other								\$0
Project Length				CON	Federal	5339	8000	\$8,120	\$8,242	\$8,365	\$8,491	\$33,218
Total Federal Funding	5339	00	\$41,218		State							\$0
Total State Funding			\$0		Local	Mass Transit Tax	\$2,000	\$2,030	\$2,060	\$2,091	\$2,123	\$8,305
Total Local Funding	Mass Transit Tax	460-370	\$10,305		Other							\$0
Total Project Cost	\$51,523				TOTAL		\$10,000	\$10,150	\$10,302	\$10,457	\$10,614	\$41,523
MTP Goals & Objectives	System Maintenance			Note: An inflation rate of 15% was applied for FY 2019-2022 to forecast anticipated funds in YOY; Amended Sept 2018								
St. Joseph Transit Buchanan County				Funding								
Project Name	Backup Generator			ENG	Source	Category	Prior Prog.	FY2022	FY2023	FY2024	FY2025	TOTAL
STIP #					Federal							\$0
TIP #	PT-2016-12				State							\$0
					Local							\$0
Description	Procure and install backup generator recommended in safety audit			ROW	Other							\$0
					Federal						\$0	
					State						\$0	
Within EJ Area (Y/N)	N			Local							\$0	
Bike/Ped Element (Y/N)				Other								\$0
Project Length	5339	MO-2017-042-00	\$75,000	CON	Federal	5339		\$75,000				\$75,000
Total Federal Funding					State							\$0
Total State Funding			\$0		Local	Mass Transit Tax		\$15,000				\$15,000
Total Local Funding	Mass Transit Tax	460-255	\$15,000		Other							\$0
Total Project Cost	\$90,000				TOTAL		\$0	\$90,000	\$0	\$0	\$0	\$90,000
MTP Goals & Objectives	System Maintenance			Note: Amended Sept 2018								
St. Joseph Transit Buchanan County				Funding								
Project Name	Replace Fuel Dispenser/Fuel Leak Detection System			ENG	Source	Category	Prior Prog.	FY2022	FY2023	FY2024	FY2025	TOTAL
STIP #					Federal							\$0
TIP #	PT-2016-13				State							\$0
					Local							\$0
Description	Replace fuel dispensing system/Fuel Leak Detection System upgrade			ROW	Other							\$0
					Federal						\$0	
					State						\$0	
Within EJ Area (Y/N)	Y			Local							\$0	
Bike/Ped Element (Y/N)	N			Other								\$0
Project Length				CON	Federal	5339		\$5,000				\$5,000
Total Federal Funding	5339		\$5,000		State							\$0
Total State Funding			\$0		Local	Mass Transit Tax		\$2,400				\$2,400
Total Local Funding	Mass Transit Tax		\$2,400		Other							\$0
Total Project Cost	\$7,400				TOTAL		\$0	\$7,400	\$0	\$0	\$0	\$7,400
MTP Goals & Objectives												



St Joseph Transit Buchanan County				Funding							
Project Name	Service Coordination - ADA Program			Source	Category	Prior Prog.	FY2022	FY2023	FY2024	FY2025	TOTAL
STIP#				Federal							\$0
TIP#	PT-2016-15			State							\$0
				Local							\$0
				Other							\$0
Description	Implement MPO Coordinated Human Services Plan to promote multi-jurisdictional transit service & ADA onboard ombudsman/education program (Travel Ambassador)			Federal							\$0
Within EJ Area (Y/N)				State							\$0
Bike/Ped Element (Y/N)	N			Local							\$0
				Other							\$0
Project Length				Federal	5310	\$4,048	\$25,000.00	\$25,375.00	\$25,755.63	\$26,141.96	\$102,273
Total Federal Funding	5310	01	\$106,321	State					\$0	\$0	\$0
Total State Funding			\$0	Local	Mass Transit Tax	\$4,048	\$25,000	\$25,375	\$25,756	\$26,142	\$102,273
Total Local Funding	Mass Transit Tax	460-325	\$106,321	Other							\$0
Total Project Cost				TOTAL		\$8,096	\$50,000	\$50,750	\$51,511	\$52,284	\$204,545
MTP Goals & Objectives	Accessibility			Note: A rate of 1.5% was applied to account for inflation for FY21-2024, interest is compounded annually							

St Joseph Transit Buchanan County				Funding							
Project Name	Expanded Evening and Weekend Service			Source	Category	Prior Prog.	FY2022	FY2023	FY2024	FY2025	TOTAL
STIP#				Federal							\$0
TIP#	PT-2017-20			State							\$0
				Local							\$0
				Other							\$0
Description	Operate additional fixed route deviation service on Saturdays and/or evenings			Federal							\$0
Within EJ Area (Y/N)	Y*			State							\$0
Bike/Ped Element (Y/N)	N			Local							\$0
				Other							\$0
Project Length				Federal	5310	\$54,556	\$122,000	\$122,000	\$122,000	\$122,000	\$488,000
Total Federal Funding			\$542,556	State							\$0
Total State Funding	5310	MO-16-X052	\$0	Local	Mass Transit Tax	\$54,556	\$122,000	\$122,000	\$122,000	\$122,000	\$488,000
Total Local Funding	Mass Transit Tax	460-310	\$542,556	Other							\$0
Total Project Cost				TOTAL		\$109,112	\$244,000	\$244,000	\$244,000	\$244,000	\$976,000
MTP Goals & Objectives	Accessibility			considered entirely invested in EJ areas; Amended in Sept 2018							

St Joseph Transit Buchanan County				Funding							
Project Name	Real Time Customer Information			Source	Category	Prior Prog.	FY2021	FY2022	FY2023	FY2024	TOTAL
STIP#				Federal							\$0
TIP#	PT-2018-01			State							\$0
				Local							\$0
				Other							\$0
Description	Provide current bus location and estimated arrival time via PCs and mobile devices.			Federal							\$0
Within EJ Area (Y/N)				State							\$0
Bike/Ped Element (Y/N)	N			Local							\$0
				Other							\$0
Project Length				Federal	5310			10150			\$10,150
Total Federal Funding			\$10,150	State							\$0
Total State Funding	5310	MO-16-X052	\$0	Local	Mass Transit Tax		\$10,000				\$10,000
Total Local Funding	Mass Transit Tax		\$10,000	Other							\$0
Total Project Cost				TOTAL		\$0	\$10,000	\$10,150	\$0	\$0	\$20,150
MTP Goals & Objectives	Accessibility			Note:							

St Joseph Transit Buchanan County				Funding							
Project Name	Security Equipment			Source	Category	Prior Prog.	FY2021	FY2022	FY2023	FY2024	TOTAL
STIP#				Federal							\$0
TIP#	PT-2018-03			State							\$0
				Local							\$0
				Other							\$0
Description	Repair and upgrade security systems on vehicles and facilities (cameras, gates, upgrade the bullet proof glass, install live surveillance, fire alarm upgrade)/Data and software updates			Federal							\$0
Within EJ Area (Y/N)	Y			State							\$0
Bike/Ped Element (Y/N)	N			Local							\$0
				Other							\$0
Project Length				Federal	5339		\$16,240	\$16,484	\$16,731	\$16,982	\$66,436
Total Federal Funding	5339	MO-2017-042	\$66,436	State							\$0
Total State Funding	5339	MO-34-0009	\$0	Local	Mass Transit Tax		\$4,060	\$4,121	\$4,183	\$4,245	\$16,609
Total Local Funding	Mass Transit Tax	460-365	\$16,609	Other							\$0
Total Project Cost				TOTAL		\$0	\$20,300	\$20,605	\$20,914	\$21,227	\$83,045
MTP Goals & Objectives	System Maintenance			Note: Amended in Sept. 2018							

St Joseph Transit Buchanan County				Funding							
Project Name	Office Equipment			Source	Category	Prior Prog.	FY2021	FY2022	FY2023	FY2024	TOTAL
STIP#				Federal							\$0
TIP#	PT-2018-04			State							\$0
				Local							\$0
				Other							\$0
Description	Replace and upgrade office equipment			Federal							\$0
Within EJ Area (Y/N)				State							\$0
Bike/Ped Element (Y/N)				Local							\$0
				Other							\$0
Project Length				Federal	5339		\$24,360	\$24,725	\$25,096	\$25,473	\$99,654
Total Federal Funding		No ID #	\$150,000	State							\$0
Total State Funding	5339	MO-16-X052	\$150,000	Local	Mass Transit Tax		\$6,090	\$6,181	\$6,274	\$6,368	\$24,914
Total Local Funding	Mass Transit Tax	460-360	\$24,914	Other							\$0
Total Project Cost				TOTAL		\$0	\$30,450	\$30,907	\$31,370	\$31,841	\$124,568
MTP Goals & Objectives	System Maintenance			Note: A rate of 1.5% was applied to account for inflation for FY18-2021, interest is compounded annually							



St Joseph Transit					Funding								
Buchanan County					Source	Category	Prior Prog.	FY2021	FY2022	FY2023	FY2024	TOTAL	
Project Name	Expanded Elwood Service			ENG	Federal							\$0	
STIP#					State							\$0	
TIP#	PT-2018-07				Local							\$0	
Description					Other							\$0	
Within EJ Area (Y/N)	Deviate to Elwood, KS Monday-Saturday upon request			ROW	Federal							\$0	
Bike/Ped Element (Y/N)	Y				State							\$0	
Project Length	N				Local							\$0	
					Other							\$0	
Total Federal Funding	5310	1837-2018-1	\$0	CON	Federal	5310	1708	\$1500	53225	68108.75	78325.06	\$257,153	
Total State Funding			\$258,867		State								\$0
Total Local Funding	Mass Transit Tax	460-380	\$0		Local	Mass Transit Tax	\$1,708	\$51,500.00	\$53,225.00	\$68,108.75	\$78,325.06	\$257,153	
Total Project Cost			\$517,734		Other								\$0
					TOTAL		\$3,416	\$103,000	\$118,450	\$136,218	\$156,650	\$514,318	
MTP Goals & Objectives				System Maintenance	Note: A rate of 1.5% was applied to account for inflation for FY19-2021, interest is compounded annually								

Public Transit Financial Summary by Agency						
Agency: City of St. Joseph	Source	FY2022	FY2023	FY2024	FY2025	TOTAL
	Federal	\$1,933,220	\$1,957,800	\$1,983,030	\$2,020,140	\$7,954,190
	State	\$19,586	\$19,880	\$20,178	\$20,481	\$80,126
	Local	\$4,317,738	\$4,368,368	\$5,043,667	\$5,132,777	\$20,063,150
	Other	\$0	\$0	\$0	\$0	\$0
TOTAL		\$6,330,544	\$6,346,648	\$7,052,876	\$7,173,398	\$28,103,466

Public Transit Financial Summary						
	Source	FY2022	FY2023	FY2024	FY2025	TOTAL
	Federal	\$1,933,220	\$1,957,800	\$1,983,030	\$2,020,140	\$7,954,190
	State	\$19,586	\$19,880	\$20,178	\$20,481	\$80,126
	Local	\$4,317,738	\$4,368,368	\$5,043,667	\$5,132,777	\$20,063,150
	Other	\$0	\$0	\$0	\$0	\$0
TOTAL		\$6,330,544	\$6,346,648	\$7,052,876	\$7,173,398	\$28,103,466

Public Transit Project Summary for FY2020-2023								
	Project Length (in miles)	with Bike/Ped Element	Federal Funds in EJ Area	% Total Fed Funds	State Funds in EJ Area	State Funds	Local Funds in EJ Area	% Total Local Funds
St. Joseph	0	1	\$7,243,613	31.14%	\$80,126	100.00%	\$19,626,033	37.73%
Total	0	1	\$7,243,613	31.14%	\$80,126	100.00%	\$19,626,033	37.73%
Note: St. Joseph transit operates city wide in and out of EJ areas, therefore the amounts reflected are not, and should not be considered entirely invested in EJ areas but should be used for an overall estimate of investment								



## Safety and Hazard Elimination

MoDOT					Funding							
Andrew and Buchanan County					Source	Category	Prior Prog.	FY2022	FY2023	FY2024	FY2025	TOTAL
Project Name:	On-Call Guardrail/Cable Repair			ENG	Federal	AC-State	\$4,800	\$800	\$116,000			\$116,800
STIP#	J1P3244				State	TCOS	\$1,200	\$200	\$29,000			\$29,200
TIP #	HE-2019-01			ROW	Local							\$0
Description:	On-call contract to repair damaged sections of guardrail and guard cable on various major routes				Other							\$0
Within EJ Area (Y/N)	N				Federal							\$0
Agency Bike/Ped Plan (Y/Y)					State							\$0
Project Length (miles)	N/A			CON	Local							\$0
Total Federal Funding	AC-State		\$1,764,800		Other							\$0
Total State Funding	TCOS		\$441,200		Federal	AC-State			\$1,648,000			\$1,648,000
Total Local Funding			\$0		State	TCOS			\$412,000			\$412,000
Total Project Cost	\$2,212,000				Local							\$0
					Other							\$0
					TOTAL		\$6,000	\$1,000	\$2,205,000	\$0	\$0	\$2,206,000
MTP Goals & Objectives	System Management			Note: A rate of 3% per year was applied for inflation for FY 2022-2024; inflation is not applied to ENG costs per sponsor request. Anticipated federal category NHPP								

Safety & Hazard Elimination Financial Summary by Agency						
Agency: MoDOT	Source	FY2022	FY2023	FY2024	FY2025	TOTAL
	Federal	\$800	\$1,764,000	\$0	\$0	\$1,764,800
	State	\$200	\$441,000	\$0	\$0	\$441,200
	Local	\$0	\$0	\$0	\$0	\$0
	Other	\$0	\$0	\$0	\$0	\$0
TOTAL		\$1,000	\$2,205,000	\$0	\$0	\$2,206,000

Safety & Hazard Elimination Financial Summary						
	Source	FY2022	FY2023	FY2024	FY2025	TOTAL
	Federal	\$800	\$1,764,000	\$0	\$0	\$1,764,800
	State	\$200	\$441,000	\$0	\$0	\$441,200
	Local	\$0	\$0	\$0	\$0	\$0
	Other	\$0	\$0	\$0	\$0	\$0
TOTAL		\$1,000	\$2,205,000	\$0	\$0	\$2,206,000

Safety & Hazard Elimination Project Summary for FY2020-2023								
	Project Length (in miles)	with Bike/Ped Element	Funds in EJ Area	Fed Funds	State Funds in EJ Area	State Funds	Local Funds in EJ Area	Local Funds
MoDOT	0	1	\$0	0.00%	\$0	0.00%	\$0	0.00%
Total	0	1	\$0	0.00%	\$0	0.00%	\$0	0.00%



## Freight

*No projects currently.*



## Scoping

MoDOT				Funding							
Buchanan County				Source	Category	Prior Prog.	FY2022	FY2023	FY2024	FY2025	TOTAL
Project Name:	Environmental Study for I-229 bridge and corridor			Federal	NHPP	\$1,218,000	\$320,000				\$320,000
STIP#	J113053			State	TCOS	\$304,000	\$80,000				\$80,000
TIP #	SC-2017-02			Local							\$0
Description:	US 59 (St. Joseph Ave.) to US 36. Project involves bridge A2225.			Other							\$0
				Federal						\$0	
				State						\$0	
				Local						\$0	
Within EJ Area (Y/N)	Y			Other							\$0
Agency Bike/Ped Plan (Y/N)	N			Federal							\$0
Project Length	1.2			State							\$0
Total Federal Funding	NHPP		\$320,000	Local							\$0
Total State Funding	TCOS		\$80,000	Other							\$0
Total Local Funding			\$0	TOTAL		\$1,522,000	\$400,000	\$0	\$0	\$0	\$400,000
Total Project Cost	\$1,922,000			Note: Inflation is not applied to ENG costs per project sponsor request							
MTP Goals & Objectives	Sytem Management										

MoDOT				Funding							
Buchanan County				Source	Category	Prior Prog.	FY2022	FY2023	FY2024	FY2025	TOTAL
Project Name	Scoping for Rte. 169 North Intersection Improvements			Federal	Safety	32000	\$4,000	4000			\$8,000
STIP#	J1P3369			State	Safety	3000	\$1,000	1000			\$2,000
TIP #	SC-2021-06			Local							\$0
Description:	Intersection improvements at North Woodbine Road and County Line Road, 0.5 miles north of I-29			Other							\$0
				Federal						\$0	
				State						\$0	
				Local						\$0	
Within EJ Area (Y/N)	N			Other							\$0
Bike/Ped Element (Y/N)	N			Federal							\$0
Project Length (miles)	N/A			State							\$0
Total Federal Funding	Safety		\$40,000	Local							\$0
Total State Funding	Safety		\$5,000	Other							\$0
Total Local Funding			\$0	TOTAL		\$35,000	\$5,000	\$5,000	\$0	\$0	\$10,000
Total Project Cost	\$45,000										
MTP Goals & Objectives	System Management										

MoDOT				Funding							
Buchanan				Source	Category	Prior Prog.	FY2022	FY2023	FY2024	FY2025	TOTAL
Project Name	Scoping for Rte. 169 South Intersection Improvements			Federal	Safety	\$46,000	\$4,000	\$4,000			\$8,000
STIP#	J1P3370			State	Safety	\$5,000	\$1,000	\$1,000			\$2,000
TIP #	SC-2021-07			Local							\$0
Description:	Intersection improvements at Riverside Terrrace 0.6 miles southeast of Rte. AC.			Other							\$0
				Federal						\$0	
				State						\$0	
				Local						\$0	
Within EJ Area (Y/N)	N			Other							\$0
Bike/Ped Element (Y/N)	Y			Federal							\$0
Project Length	NA			State							\$0
Total Federal Funding	NHPP-BR		\$8,000	Local							\$0
Total State Funding	TCOS		\$2,000	Other							\$0
Total Local Funding			\$0	TOTAL		\$51,000	\$5,000	\$5,000	\$0	\$0	\$10,000
Total Project Cost	\$10,000										
MTP Goals & Objectives	System Management										

MoDOT				Funding							
Andrew County				Source	Category	Prior Prog.	FY2021	FY2022	FY2023	FY2024	TOTAL
Project Name:	Scoping for Bus. 71 Intersection Improvements			Federal	AC-State		\$8,000	\$8,000			\$16,000
STIP#	J1S3453			State	TCOS		\$2,000	\$2,000			\$4,000
TIP #	SC-2022-01			Local							\$0
Description:	Intersection improvements 2.3 miles north of I-29.			Other							\$0
				Federal						\$0	
				State						\$0	
				Local						\$0	
Within EJ Area (Y/N)	N			Other							\$0
Agency Bike/Ped Plan (Y/Y	N/A			Federal							\$0
Project Length (miles)	N/A			State							\$0
Total Federal Funding	AC-State		\$16,000	Local							\$0
Total State Funding	TCOS		\$4,000	Other							\$0
Total Local Funding			\$0	TOTAL			\$10,000	\$10,000	\$0	\$0	\$20,000
Total Project Cost	\$20,000			Note: Anticipated Federal Category STBG							
MTP Goals & Objectives	System Management										



MoDOT				Funding			Fiscal Year					
Andrew County				Source	Category	Prior Prog.	FY2021	FY2022	FY2023	FY2024	TOTAL	
Project Name:	Scoping for Belt Highway Culvert Repair			202	Federal	AC-State		\$8,000	\$8,000			\$16,000
STIP#	J153455				State	TCOS		\$2,000	\$2,000			\$4,000
TIP #	SC-2022-02				Local							\$0
Description:	Repair damage culvert under Belt Highway (Rte. 169) 0.1 miles south of Karnes road.				Other							\$0
Within EJ Area (Y/N)	N			ROW	Federal							\$0
Agency Bike/Ped Plan (Y/Y)	Y				State							\$0
Project Length (miles)	N/A				Local							\$0
Total Federal Funding	AC-State		\$16,000	CON	Other							\$0
Total State Funding	TCOS		\$4,000		Federal							\$0
Total Local Funding			\$0		State							\$0
Total Project Cost:			\$20,000		Local							\$0
MTP Goals & Objectives:	System Preservation			TOTAL								
				Note: Anticipated Federal Category NHPP								

MoDOT				Funding			Fiscal Year					
Andrew County				Source	Category	Prior Prog.	FY2021	FY2022	FY2023	FY2024	TOTAL	
Project Name:	Scoping for intersection improvements at Rte. 59/Rte.			ENG	Federal	AC-State		\$60,000	\$40,000			\$100,000
STIP#	J153452				State	TCOS		\$15,000	\$10,000			\$25,000
TIP #	SC-2022-03				Local							\$0
Description:	Intersection improvements at Rte. 59/Rte. 752/Rte. U.				Other							\$0
Within EJ Area (Y/N)	N			ROW	Federal							\$0
Agency Bike/Ped Plan (Y/Y)	Y				State							\$0
Project Length (miles)	N/A				Local							\$0
Total Federal Funding	AC-State		\$100,000	CON	Other							\$0
Total State Funding	TCOS		\$25,000		Federal							\$0
Total Local Funding			\$0		State							\$0
Total Project Cost:			\$125,000		Local							\$0
MTP Goals & Objectives:	System Preservation			TOTAL								
				Note: Anticipated Federal Category NHPP								

Scoping Financial Summary by Agency						
Agency: MoDOT	Source	FY2022	FY2023	FY2024	FY2025	TOTAL
	Federal	\$404,000	\$64,000	\$0	\$0	\$468,000
	State	\$101,000	\$16,000	\$0	\$0	\$117,000
	Local	\$0	\$0	\$0	\$0	\$0
	Other	\$0	\$0	\$0	\$0	\$0
TOTAL		\$505,000	\$80,000	\$0	\$0	\$585,000

Scoping Financial Summary						
	Source	FY2022	FY2023	FY2024	FY2025	TOTAL
	Federal	\$404,000	\$64,000	\$0	\$0	\$468,000
	State	\$101,000	\$16,000	\$0	\$0	\$117,000
	Local	\$0	\$0	\$0	\$0	\$0
	Other	\$0	\$0	\$0	\$0	\$0
TOTAL		\$505,000	\$80,000	\$0	\$0	\$585,000

Scoping Project Summary for FY2019-2022								
	Project Length (in miles)	# of Projects with Bike/Ped Element	Federal Funds in EJ Area	% Total Fed Funds	State Funds in EJ Area	% Total State Funds	Local Funds in EJ Area	% Total Local Funds
MoDOT	1.2	1	\$336,000	71.79%	\$84,000	71.79%	\$0	0.00%
Total	1.2	1	\$336,000	71.79%	\$84,000	71.79%	\$0	0.00%



## Category Summary

### FINANCIAL SUMMARY BY CATEGORY

FY2022											
Project Category	Aviation	Bicycle & Pedestrian	Bridge	Elderly & Disabled	Highways & Streets - R/R	Highways & Streets - C/C	Public Transportation	Safety & HE	Freight	Scoping	Total
Federal	\$ -	\$ 200,000.00	\$ 14,563,600.00	\$ -	\$ 14,105,300.00	\$ -	\$ 1,993,220.00	\$ 800.00	\$ -	\$ 404,000.00	\$ 31,266,920.00
State	\$ -	\$ -	\$ -	\$ -	\$ 797,200.00	\$ -	\$ 19,586.46	\$ 200.00	\$ -	\$ 101,000.00	\$ 917,986.46
Local	\$ -	\$ 89,300.00	\$ -	\$ -	\$ -	\$ -	\$ 4,917,738.00	\$ -	\$ -	\$ -	\$ 5,007,038.00
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ 289,300.00	\$ 14,563,600.00	\$ -	\$ 14,902,500.00	\$ -	\$ 6,930,544.46	\$ 1,000.00	\$ -	\$ 505,000.00	\$ 37,191,944.46
FY2023											
Project Category	Aviation	Bicycle & Pedestrian	Bridge	Elderly & Disabled	Highways & Streets - R/R	Highways & Streets - C/C	Public Transportation	Safety & HE	Freight	Scoping	Total
Federal	\$ -	\$ -	\$ 15,685,000.00	\$ -	\$ 14,105,300.00	\$ -	\$ 1,957,799.80	\$ 1,764,000.00	\$ -	\$ 64,000.00	\$ 33,576,099.80
State	\$ -	\$ -	\$ 6,750,000.00	\$ -	\$ 2,509,700.00	\$ -	\$ 19,880.25	\$ 441,000.00	\$ -	\$ 16,000.00	\$ 9,736,580.25
Local	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,968,967.57	\$ -	\$ -	\$ -	\$ 4,968,967.57
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ 22,435,000.00	\$ -	\$ 16,615,000.00	\$ -	\$ 6,946,647.62	\$ 2,205,000.00	\$ -	\$ 80,000.00	\$ 48,281,647.62
FY2024											
Project Category	Aviation	Bicycle & Pedestrian	Bridge	Elderly & Disabled	Highways & Streets - R/R	Highways & Streets - C/C	Public Transportation	Safety & HE	Freight	Scoping	Total
Federal	\$ -	\$ -	\$ 2,537,000.00	\$ -	\$ 7,478,000.00	\$ -	\$ 1,983,029.92	\$ -	\$ -	\$ -	\$ 11,998,029.92
State	\$ -	\$ -	\$ 634,000.00	\$ -	\$ 831,000.00	\$ -	\$ 20,178.46	\$ -	\$ -	\$ -	\$ 1,485,178.46
Local	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,049,667.46	\$ -	\$ -	\$ -	\$ 5,049,667.46
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ 3,171,000.00	\$ -	\$ 8,309,000.00	\$ -	\$ 7,052,875.84	\$ -	\$ -	\$ -	\$ 18,532,875.84
FY2025											
Project Category	Aviation	Bicycle & Pedestrian	Bridge	Elderly & Disabled	Highways & Streets - R/R	Highways & Streets - C/C	Public Transportation	Safety & HE	Freight	Scoping	Total
Federal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,020,140.05	\$ -	\$ -	\$ -	\$ 2,020,140.05
State	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,481.13	\$ -	\$ -	\$ -	\$ 20,481.13
Local	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,132,777.15	\$ -	\$ -	\$ -	\$ 5,132,777.15
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,173,398.33	\$ -	\$ -	\$ -	\$ 7,173,398.33
TOTAL											
Project Category	Aviation	Bicycle & Pedestrian	Bridge	Elderly & Disabled	Highways & Streets - R/R	Highways & Streets - C/C	Public Transportation	Safety & HE	Freight	Scoping	Total
Federal	\$ -	\$ 200,000.00	\$ 32,785,600.00	\$ -	\$ 25,313,100.00	\$ -	\$ 7,954,189.77	\$ 1,764,800.00	\$ -	\$ 468,000.00	\$ 68,485,689.77
State	\$ -	\$ -	\$ 7,544,400.00	\$ -	\$ 4,137,900.00	\$ -	\$ 80,126.29	\$ 441,200.00	\$ -	\$ 117,000.00	\$ 12,320,626.29
Local	\$ -	\$ 89,300.00	\$ -	\$ -	\$ -	\$ -	\$ 20,069,150.18	\$ -	\$ -	\$ -	\$ 20,158,450.18
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ 289,300.00	\$ 40,330,000.00	\$ -	\$ 29,451,000.00	\$ -	\$ 28,103,466.25	\$ 2,206,000.00	\$ -	\$ 585,000.00	\$ 111,179,866.25







# ENVIRONMENTAL JUSTICE REVIEW

The Environmental Protection Agency (EPA) defines Environmental Justice as the “fair treatment for people of all races, cultures, and incomes, regarding the development of environmental laws, regulations, and policies.” Environmental Justice (EJ) is a federal requirement that projects using federal funds be selected and distributed fairly to all people regardless of income or race and that all people have equal access to the benefits afforded by federally funded projects as well as equal access to the decision-making process for the selection of those federal projects<sup>7</sup>. This concept is expanded on in the three EJ principles shown below.

To avoid, minimize, or mitigate disproportionately high and adverse human health and environmental effects, including social and economic effects, on minority populations and low-income populations.

To ensure the full and fair participation by all potentially affected communities in the transportation decision-making process.

To prevent the denial of, reduction in, or significant delay in the receipt of benefits by minority and low-income populations.

As previously described, the TIP implements the Metropolitan Transportation Plan (MTP) which itself underwent substantial environmental justice review, analysis, and outreach on a system level. All projects in the TIP must first be included in the MTP either as explicitly identified regional capacity projects or as part of the plan’s programmatic elements and therefore are included in this assessment. The TIP does not directly assess benefits and burdens related to outcomes of specific projects or programs; that level of analysis would be made during the environmental analysis of individual projects. On that note, as part of project submission and request for extension, sponsors are required to certify that their projects are in compliance with SJATSO’s Title VI and EJ program (located online at <https://www.stjoemo.info/DocumentCenter/View/10480/SJATSO-Title-VI-Final>) and are expected to mitigate and address any EJ concerns at the project level.

---

<sup>7</sup> This policy is defined in Executive Order 12898 that was signed by President Clinton on February 11, 1994.



The 2022–2025 TIP only contains projects with funding over that four–year fiscal period. Some census tracts that are not currently touched by any projects may have been touched by projects from previous TIPs, which do not appear on the map, or will have future investments made.

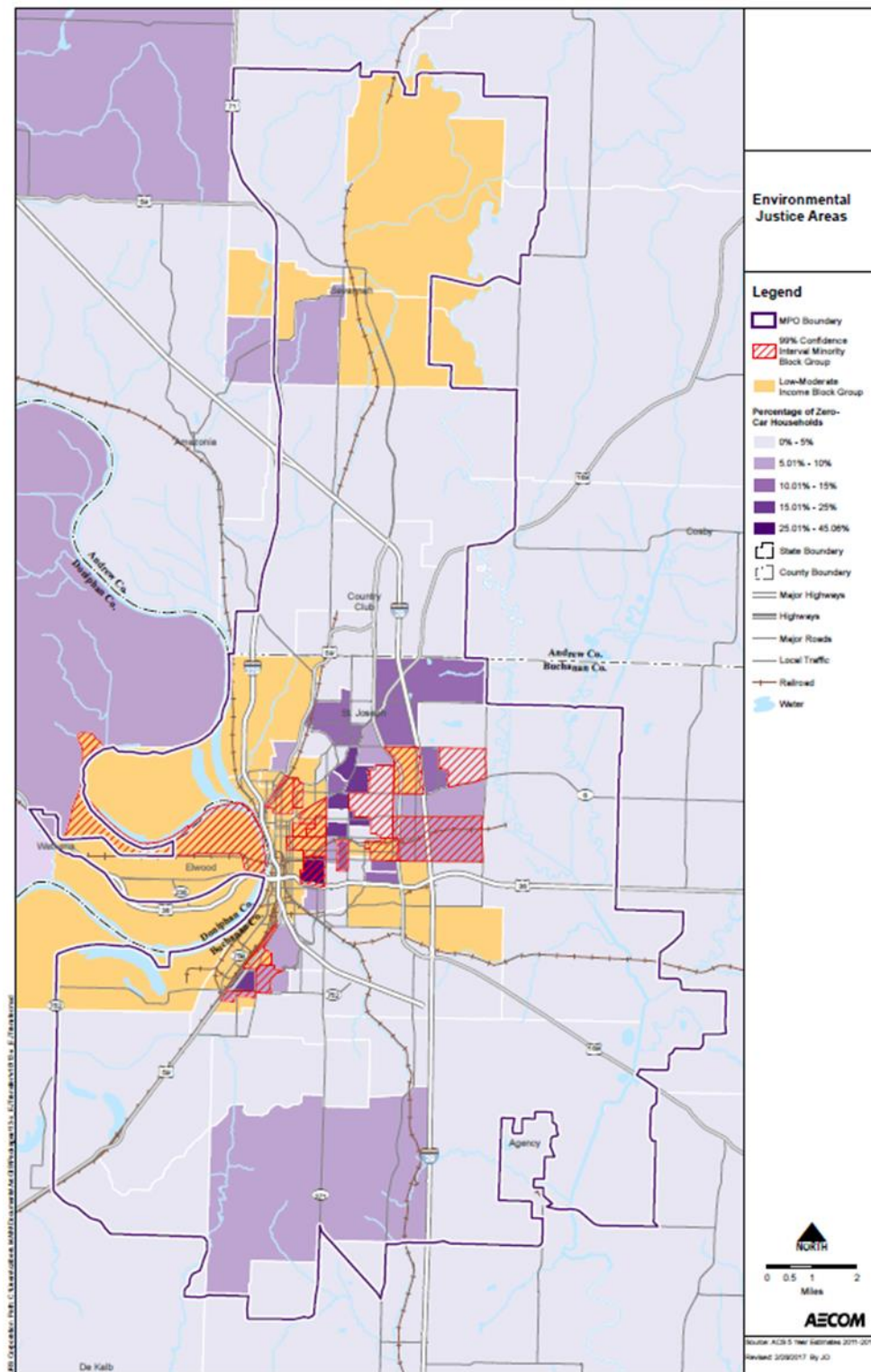
Additionally, the investment of federal, state, and local funds in EJ areas has been identified under each category in the Fiscally Constrained Project listing. While investment of funds alone does not account for all EJ considerations, it does help identify where the community is investing its resources. The results of this analysis indicate a logical and even distribution of projects across the region and areas with high concentrations of EJ populations.

Figure 2 demonstrates the distribution of minority, low–moderate income, and zero–car households in the metropolitan planning area. A total of 26 physical projects are programmed in EJ area accounting for a total of 52% of all physical TIP projects. Transit and OATS, Inc. operating tables reflect that they operate both in and out of EJ areas but are not included in the calculation of physical projects, neither are the scoping projects.

After considering the map and financial analysis the MPO believes there are no significant EJ concerns with the selection of roadway, bridge, transportation enhancement, or transit projects in the metropolitan area.



Figure 2: EJ Populations in SJATSO MPA





# APPENDIX A: SELF CERTIFICATION

## TRANSPORTATION PLANNING PROCESS SELF-CERTIFICATION CHECKLIST

The following products of the metropolitan planning process have been completed, adopted and/or approved and demonstrate that the St. Joseph Area Transportation Study Organization is carrying out a continuing, cooperative, and comprehensive transportation planning process for the St. Joseph metropolitan area.

Item	Date Completed, Adopted or Approved	
Coordinated Public Transit – Human Services Transportation Plan	11/21/2019	X
Environmental Justice Analysis/Assessment <ul style="list-style-type: none"><li>• MTP</li><li>• TIP</li></ul>	Yes	X
Limited English Proficiency Plan (LEP)	11/20/2019	X
Metropolitan Transportation Plan (MTP)	11/21/2019	X
Public Participation Plan (PPP)	5/9/2017	X
Title VI Plan	11/20/2018	X
2022–2024 Transportation Improvement Program (TIP)		
2021 Unified Planning Work Program (UPWP)	4/20/2021	X



**St. Joseph Area Transportation  
Study Organization  
METROPOLITAN TRANSPORTATION PLANNING PROCESS  
CERTIFICATION**

In accordance with 23 CFR 450.334, the St. Joseph Area Transportation Study Organization which is the Metropolitan Planning Organization for the St. Joseph, Missouri -Kansas Urbanized Area, the Missouri Department of Transportation and the Kansas Department of Transportation hereby certify that the transportation planning process is addressing major issues in the metropolitan planning area and is being conducted in accordance with all applicable requirements of:

- I. 23 U.S.C. 134, 49 U.S.C. 5303, and this subpart;
- II. In nonattainment and maintenance areas, sections 174 and 176 (c) and (d) of the Clean Air Act, as amended (42 U.S.C. 7504, 7506 (c) and (d)) and 40 CFR part 93;
- III. Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 CFR part 21;
- IV. 49 U.S.C. 5332, prohibiting discrimination on the bases of race, color, creed, national origin, sex, or age in employment or business opportunity;
- V. (5) Section 1101(b) of the FAST Act (Pub. L. 114-357) and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in DOT funded projects;
- VI. 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
- VII. The provisions of the Americans with Disabilities Act of 1990(42 U.S.C. 12101 et seq.) and 49 CFR parts 27, 37, and 38;
- VIII. The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial-aid assistance;
- IX. Section 324 of title 23 U.S.C. regarding the prohibition of discrimination based on gender; and
- X. Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.

I further certify that I am aware of what this certification represents and have been briefed accordingly.

  
Signature/Date 6.17.21

Robert Dempster  
Chairman

St. Joseph Area  
Transportation Study  
Organization

  
Signature/Date 6.17.21

Chris Redline  
District Engineer

Missouri Department  
of Transportation

  
Signature/Date 5-28-21

Michael Moriarty  
Chief of Transportation  
Planning  
Kansas Department  
of Transportation



## Metropolitan Transportation Planning Process Self-Certification Checklist

1. 23 U.S.C. 134, 49 U.S.C. 5303, and this subpart;

*All core documents are current:*

- ☒ MTP
- ☒ TIP
- ☒ UPWP
- ☒ PPP
- ☐ CMP (if applicable)

**Not applicable**

2. In nonattainment and maintenance areas, sections 174 and 176 (c) and (d) of the Clean Air Act, as amended (42 U.S.C. 7504, 7506 (c) and (d)) and 40 CFR part 93;

☐ Conformity Determination Rendered

**Not applicable at this time. Currently the St. Joseph/ Elwood/Wathena Region is in attainment.**

3. Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 CFR part 21;

*Approved:*

- ☒ Title VI Plan
- ☒ LEP Plan

4. 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;

*Approved:*

- ☒ Title VI Plan
- ☒ LEP Plan

5. Section 1101(b) of the SAFETEA-LU (Pub. L. 109-59) and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects;

☐ DBE Payment Information submitted to KDOT on a consistent basis

**Not applicable at this time.**

6. 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;

*Approved:*

- ☒ Title VI Plan
- ☒ EJ Analysis Completed (as part of the MTP or TIP)



7. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) and 49 CFR parts 27, 37, and 38; ☒

*Approved:*

☒ Title VI Plan

8. The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;

*Approved:*

☒ Title VI Plan

9. Section 324 of title 23 U.S.C. regarding the prohibition of discrimination based on gender; and

*Approved:*

☒ Title VI Plan

10. Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.

*Approved:*

☒ Title VI Plan



Matt Messina  
Comprehensive Transportation Planning Manager

7/29/2020  
Date



# APPENDIX B: RESOLUTION OF ADOPTION

RS-2021-01

## RESOLUTION

### A RESOLUTION ADOPTING THE 2022-2025 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) FOR THE ST. JOSEPH AREA TRANSPORTATION STUDY ORGANIZATION (SJATSO)

**WHEREAS**, The Coordinating Committee of the St. Joseph Area Transportation Study Organization (SJATSO) is the Executive Body of the metropolitan planning organization designated by the Governors of the States of Missouri and Kansas for the St. Joseph Urbanized Area, and responsible for carrying out the provisions of Section 134 Title 23 U.S. Code and Section 5303 Title 49 U.S. Code; and

**WHEREAS**, the Transportation improvement program (TIP) has been developed in compliance with approved procedures and processes, and is consistent with the SJATSO Metropolitan Transportation Plan (MTP); and

**WHEREAS**, the Technical Committee endorsed the Program Year 2022-2025 Transportation Improvement Program (TIP) and recommend its approval and adoption.

**NOW, THEREFORE, BE IT RESOLVED** that the Coordinating Committee of the St. Joseph Area Transportation Study Organization hereby approves and adopts the 2022-2025 Transportation Improvement Program.



Bob Dempster, Chairman

Attest:



Chance Gallagher, Transportation Planner



## APPENDIX C: SJATSO PROJECT DELAY POLICY

The goal of the Project Delay Policy for the Transportation Improvement Program is to maximize the federal funding obligated each fiscal year and to enable the MPO to redirect funds to different project if any are inactive or otherwise limited from making progress. The Delay Policy applies to projects funded through the programs for which SJATSO has oversight of project selection. The intent of the policy is to provide an incentive for local agency sponsors to develop their projects according to a detailed schedule and, thereby, to obligate the federal funds assigned to each project within the timeframes initially shown in the TIP.

In the context of this Delay Policy, a delay occurs when a construction-related project phase does not get advertised within six months of the TIP program year in which its construction phase funding was originally programmed, or changed with an amendment, in the TIP. For non-construction projects and programs, a delay occurs when the Notice to Proceed is not issued within two months of the TIP program year in which its implementation was originally funded in the TIP. The consequence of a delay may be the withdrawal of its federal funds from the TIP or other action by the Coordinating Committee.

Staff is responsible for monitoring project progress and will ask for a project update six months after the adoption of the TIP as part of the annual update process.



# APPENDIX D: ST. JOSEPH TRANSIT ILLUSTRATIVE PROJECTS

	2022-2025 TIP Illustrative Project List	Total	Federal	Local
\$ 1.00				
\$ 2.00	Operate additional fixed route deviation service on Saturdays and/or evenings	\$ 750,000.00	\$ 375,000.00	\$ 375,000.00
\$ 3.00	Real Time Customer Information system	\$ 50,000.00	\$ 40,000.00	\$ 10,000.00
\$ 4.00	Refurbish maintenance garage lubrication system	\$ 74,000.00	\$ 59,200.00	\$ 14,800.00
\$ 5.00				
\$ 6.00	Procure spare parts for buses	\$ 200,000.00	\$ 160,000.00	\$ 40,000.00
\$ 7.00	Replace 2 support vans and service truck	\$ 120,000.00	\$ 96,000.00	\$ 24,000.00
\$ 8.00	Facility maintenance (administrative, storage, passenger station facilities)	\$ 219,000.00	\$ 175,200.00	\$ 43,800.00
\$ 9.00	Security equipment repairs and upgrades	\$ 40,000.00	\$ 32,000.00	\$ 8,000.00
\$ 10.00	Shop equipment repairs and upgrades	\$ 81,250.00	\$ 65,000.00	\$ 16,250.00
\$ 11.00	Office equipment replacement and upgrades	\$ 40,000.00	\$ 32,000.00	\$ 8,000.00
\$ 12.00	Procure and install back up generator	\$ 75,000.00	\$ 60,000.00	\$ 15,000.00



# APPENDIX E: TIP EVALUATION SHEET

Updated: 4/26/18

## Transportation Improvement Program (TIP) Project Evaluation

Project Title:  
Project Sponsor:  
Project Description:

The below is required for inclusion in the TIP. Any question resulting in a "no" will automatically disqualify this project. **This section to be filled out by scoring committee.**

### GENERAL

Project is located in the SJATSO MPO	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Project supports the overall vision of the current MTP	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Project has the necessary local matching funds	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Project sponsor has identified sufficient operating and maintenance funds	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Project sponsor has signed all certifications	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Affected EJ populations were identified/considered in this project	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Total Score:     /50

---

If competitive funding is being sub-allocated by the MPO and this project has applied for this funding, fill out the following section that corresponds best with your project; if your project fits more than one section, choose one that fits it best. Provide documentation (maps, etc.) as applicable. **This section to be filled out by project sponsor.** If no competitive, sub-allocated funds are being used **STOP HERE.**

### General

Use the box below to provide any additional information not covered in the project sections that you feel is necessary to adequately describe your project. Remember this is a competitive process, the more thorough you describe your project, the better the committee will be able to score it.

Filepath: W:\Public Works Department Division Folders\Public Works Administration Repository\MPO\2018 MPO Information\TIP\TIP General Resources



# APPENDIX F: SPONSOR SUBMITTAL MATERIAL

FW: TIP Call for Project - Message (HTML)

File Message Help Tell me what you want to do

Ignore Delete Archive Reply Reply All Forward Meeting More

Quick Steps: AASHTO, Team Email, Reply & Delete, To Manager, Done, Create New

Move: Rules, OneNote, Actions

Tags: Mark Unread, Categorize, Follow Up

Editing: Find, Related, Translate, Select

Speech: Read Aloud, Zoom

FW: TIP Call for Project

Chance Gallagher  
To: Chelsea Chester

Tue 5/5/2020 2:50 PM

Attachments:

- Sponsor letter for project carryover\_template.docx (18 KB)
- Title VI, EJ, ADA Cert of Compliance\_Blank.docx (600 KB)
- TIP Sponsor Call for Projects Letter.docx (595 KB)
- Template for projects.xlsx (15 KB)
- TIP Update Checklist for public view.docx (591 KB)

From: Chance Gallagher  
Sent: Thursday, February 20, 2020 3:03 PM  
To: Brad Lau <[blau@saintjoseph.com](mailto:blau@saintjoseph.com)>; Leah Johnson <[dpcountyks.com](mailto:dpcountyks.com)>; Brady McKinley <[bmckinley@stjoemo.org](mailto:bmckinley@stjoemo.org)>; Mike Henderson <[Michael.Henderson@modot.mo.gov](mailto:Michael.Henderson@modot.mo.gov)>; blangley@oatstransit.org; Pam King <[elwoodch@carsoncomm.com](mailto:elwoodch@carsoncomm.com)>; Andy Clements <[aclements@stjoemo.org](mailto:aclements@stjoemo.org)>; mikemsavmo@gmail.com; Abe Forney <[aforney@stjoemo.org](mailto:aforney@stjoemo.org)>; Reed Schwartzkopf <[rschwartzkopf@stjoemo.org](mailto:rschwartzkopf@stjoemo.org)>; Scott Gatewood <[sgatewood@stjoemo.org](mailto:sgatewood@stjoemo.org)>; Shannon Kusilek <[shannon.kusilek@modot.mo.gov](mailto:shannon.kusilek@modot.mo.gov)>; Bruce Lundy <[brucelundysavmo@gmail.com](mailto:brucelundysavmo@gmail.com)>; Allison Smith <[Allison.Smith@ks.gov](mailto:Allison.Smith@ks.gov)>; Keven Schneider <[kschneider@stjoemo.org](mailto:kschneider@stjoemo.org)>; Adam Watson <[adam.watson@modot.mo.gov](mailto:adam.watson@modot.mo.gov)>; <[adam.watson@modot.mo.gov](mailto:adam.watson@modot.mo.gov)>; Jim Richardson <[jrich@carsoncomm.com](mailto:jrich@carsoncomm.com)>; 'Ron Martin' <[RMartin@co.buchanan.mo.us](mailto:RMartin@co.buchanan.mo.us)>; Mgordon@cabilc.com; Adam Freeman <[afreeman@stjoemo.org](mailto:afreeman@stjoemo.org)>; Rick Spriggs <[rspriggs@stjoemo.org](mailto:rspriggs@stjoemo.org)>; Dave Earls <[David.Earls@modot.mo.gov](mailto:David.Earls@modot.mo.gov)>; 'Transit Nancy Lohr' <[transit\\_nlohr@stjoemo.org](mailto:transit_nlohr@stjoemo.org)>; Transit Michelle Schultz <[transit\\_mschultz@stjoemo.org](mailto:transit_mschultz@stjoemo.org)>  
Cc: Chelsea Chester <[cchester@stjoemo.org](mailto:cchester@stjoemo.org)>  
Subject: RE: TIP Call for Project

All,

The upcoming Technical Committee meeting is going to be combined with the April Coordinating Committee because of that I am going to add some time to when the project information is due to me. Instead of February 21<sup>st</sup> please have your projects submitted by March 20<sup>th</sup>.

Thank you,



## Mid-Year Progress Report

All sponsors who currently have projects in the 2019-2021 TIP must complete this form by February 15, 2019.

\* Required

### Project Sponsor

**Agency or Jurisdiction Name \***  
(i.e. MoDOT, OATS, St. Joseph)

Your answer

**Agency or Jurisdiction Sponsor Address \***

Your answer

### Contact Information

**Contact Name \***  
First and last name

Your answer

**Email \***

Your answer

**Contact Phone \***  
Please enter work number and extension

Your answer

### Project Information

Follow this link to fill out information for project status:  
[https://docs.google.com/spreadsheets/d/1bavMddceVXIxoxEZDIU\\_LQb7nL8rvoHJDn9\\_kurgHYs/edit?usp=sharing](https://docs.google.com/spreadsheets/d/1bavMddceVXIxoxEZDIU_LQb7nL8rvoHJDn9_kurgHYs/edit?usp=sharing)

Your answer

NEXT

Never submit passwords through Google Forms.

## TIP Project Submittal

\* Required

### Project Sponsor

**Agency or Jurisdiction Name \***  
Who is requesting the TIP change? (i.e. MoDOT, OATS, St. Joseph)

Your answer

**Agency or Jurisdiction Sponsor Address \***

Your answer

### Contact Information

**Contact Name \***  
First and last name

Your answer

**Email \***

Your answer

**Contact Phone \***  
Please enter work number and extension

Your answer

### Project Information

**Type of Change Requested \***  
Check all that apply:

- ☐ New
- ☐ Project Scope
- ☐ Funding Amount
- ☐ Funding Source
- ☐ Funding Year
- ☐ Other: \_\_\_\_\_

**Project Titles \***  
Provide current title or propose a new title for new projects. If you have more than one project, list the projects numbered.

Your answer

**Project IDs**  
Enter TIP number if a current project. List all projects numbered.

Your answer

**Project Description \***  
Provide a brief description of the project to be added or changed for each project, numbered.

Your answer

**Reason for Project**  
Please explain why this project is necessary

Your answer

NEXT

Never submit passwords through Google Forms.



## Mid-Year Progress Report

\* Required

### Certifications

I hereby agree/certify that: The information on this application and submitted for inclusion in the TIP is accurate to the best of my knowledge. This information and any additional information I provide for this TIP change may be published directly into the SJATSO Transportation Improvement Program. The local/state funding submitted for inclusion in the TIP is available for the match of federal funds and the project sponsor is financially committed to the submitted project. . This project has been made available for public comment before submittal and I and partner jurisdictions have conducted the appropriate public input processes. . Any facility constructed with these funds will be maintained according to an adopted facility maintenance plan. I understand that when utilizing any federal funds for design or right-of-way, that construction must begin within 10 years. Projects submitted for inclusion in the TIP do not violate SJATSO's Title VI program or any other adopted policies and adhere to all federal ADA requirements.

**Signed \***

Please enter name

Your answer

BACK

SUBMIT

Never submit passwords through Google Forms.

## TIP Project Submittal

\* Required

### Certifications

I hereby agree/certify that: The information on this application and submitted for inclusion in the TIP is accurate to the best of my knowledge. This information and any additional information I provide for this TIP change may be published directly into the SJATSO Transportation Improvement Program. The local/state funding submitted for inclusion in the TIP is available for the match of federal funds and the project sponsor is financially committed to the submitted project. . This project has been made available for public comment before submittal and I and partner jurisdictions have conducted the appropriate public input processes. . Any facility constructed with these funds will be maintained according to an adopted facility maintenance plan. I understand that when utilizing any federal funds for design or right-of-way, that construction must begin within 10 years. Projects submitted for inclusion in the TIP do not violate SJATSO's Title VI program or any other adopted policies and adhere to all federal ADA requirements.

**Signed \***

Please enter name

Your answer

BACK

SUBMIT

Never submit passwords through Google Forms.



# APPENDIX G: SJATSO VOTING MEMBERS

## Coordinating Committee

### Chair & Citizen At-Large

Bob Dempster, Nodaway Valley Bank

### Vice Chair

Ron Hook, Western District Commissioner

### City of St. Joseph

Byan Myers – Councilmember at Large  
Madison Davis – District 1 Councilmember  
Kent O'Dell, Council Member At-Large  
Bryan Carter, City Manager

### City of Savannah

Bruce Lundy, City Administrator

### Buchanan County

Ron Hook, Western District Commissioner

### Andrew County

Bob Caldwell, Presiding Commissioner

### Wathena, KS

John Cluck, Mayor Wathena

## Technical Committee

### Chair

Brady McKinley, St. Joseph

### Vice Chair

Mike Henderson, MoDOT

### City of St. Joseph

Scott Gatewood, Traffic Supervisor  
Adam Freeman, Airport Operations Manager  
Jake Fisher, Assistant City Engineer  
Keven Schneider, Streets Superintendent  
Jeff Atkins, Parks & Recreation  
Andy Clements, Public Works Director  
Abe Forney, Aviation General Manager  
Brady McKinley Assistant Director of Public Works

### City of Savannah

Mike Milhiwsky, Public Works Director

### Country Club Village

Larry Sparks, Building Inspector

### City of Elwood

Bobby Hall, Streets Superintendent

### City of Wathena

Tammy Bembrick, City Clerk

### Andrew County

Jim Galthberth, Road and Bridge

### Buchanan County

Marcus Lawson, GIS Coordinator

### MoDOT

Shannon Kusilek, NW District

### KDOT

Allison Smith, MPO Liason



## APPENDIX H: TIP AMENDMENTS AND MODIFICATIONS

The following table will be used throughout the timeframe that the 2022–2025 TIP is in effect to record the adoption and any future amendments or modifications that are processed.

Type of Action	TIP No.	Project Description	Project Sponsor	Project Cost	Board Approval	ONE DOT Approval
Update	N/A	N/A	N/A	N/A	05/24/2018	
Amendment	2022–2025	MoDOT Project Adjustments	MoDOT	Various	17 Feb. 2022	2 Mar. 2022